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Jolly

Madison
New Jersey



FOREWORD

WE GREET our customers with the 26th edition of our Annual Catalogue and trust you will find among the new plants mentioned, something you can use in your own garden and grow with pleasure and profit.

Absolute Novelties in Hardy Plants are scarce, as the writer can testify after weeks of searching through the nurseries of Europe last summer.

We have some sterling new American Raised Roses for forcing: "E. G. Hill," a wonderful crimson; "Joanna Hill," a very fine yellow; also a splendid Dickson Rose, "Lady Margaret Stewart." This Rose is a wondrous combination of scarlet, yellow and bronze, and has a delightful orange fragrance.

Look carefully through the list of garden Roses and note particularly "Rowena Thom," "Marion Cran," and "Duchess of Athol."

In Delphiniums we have spared neither time nor expense to make our collection the finest in the country. Give us a chance to prove this to you.

Rock Gardening is the popular fad today. We specialize in Rock Plants and suggest you stop in and see the "sample" garden on our establishment when you are in our vicinity.

Novelties in this section which can also be used for your perennial garden are Viola "Apricot Queen," and Phlox subulata "Coerulea," both of which are real "finds."

Chrysanthemums are a specialty of ours. Our introductions this year are the Prize Winners next season.

At the urgent request of our customers, we have added this year a few of the popular Evergreens for use in the Herbaceous Border and Rock Garden, as well as for Foundation Planting, and the collection we list should be found generally useful.

Orders for plants should be sent direct to **Madison, New Jersey**, or if more convenient, may be left at our New York Store, 4 East 53rd St., where can also be found the finest flowers in season.

We thank you for your patronage in the past, and will endeavor to warrant a continuance of it in the future.

A hearty welcome awaits you in our establishment at **Madison, New Jersey**, and we are pleased to have our customers call on us when in our vicinity.

MADISON

Jotty's

NEW JERSEY

NOVELTY CHRYSANTHEMUMS FOR 1929



FIRST DAWN

FIRST DAWN

The color is an exquisite chamois pink with gold tips on the petals. We shall be greatly surprised if this variety does not line up in the Pockett class, and become in its color, one of the standard varieties in the country. The stem and foliage are ideal, and it is apparently immune from disease with all qualifications for rendering this variety the best in many years. Height 4 feet. To get the best results and the unique color in this variety, a late crown bud from August 25th onward should be taken.

Price: \$2.00 per plant, \$20.00 per dozen

NOVELTY CHRYSANTHEMUMS FOR 1929—Continued



HILDA H. BERGEN

HILDA H. BERGEN*(Bergen)*

One of the most useful commercial types of Chrysanthemums ever introduced. We grew one house of this variety, running four to six flowers to a plant, which was a beautiful sight, and very much admired by every grower who visited us this past season. The color is a deep rich mahogany bronze, and every bud produces a perfect flower. We strongly recommend it as being absolutely 100 per cent perfect, in every way, both as to type, quality and productiveness. Coming in, as it does before Waite and the other bronzes, it proved most remunerative, as it was ready to cut October 8th in the greenhouse.

Price: \$1.00 per plant, \$10.00 per dozen

NOVELTY CHRYSANTHEMUMS FOR 1929—*Continued*

W. H. EVERARD

W. H. EVERARD

Another variety named in Australia, in color a charming salmon bronze, when the bud is taken "about the middle of August. Later buds show a much deeper color, though not such heavy petalage. One of the kinds that it is a pleasure to distribute. The growth is very strong and vigorous. Height 6 feet.

Price: \$2.00 per plant, \$20.00 per dozen

NOVELTY CHRYSANTHEMUMS FOR 1929—Continued



E. N. WARD

E. N. WARD

An Australian variety of golden orange, of the type made famous by "Mrs. Kershaw," of which it is a seedling. The color is a glorious glowing fawn with bronze red reverse and bronzy red lines on the edge of some of the petals. Crown bud, August 25th onward. Buds taken earlier are long in the neck. Height 5 feet.

Price: \$2.00 per plant, \$20.00 per dozen

NOVELTY CHRYSANTHEMUMS FOR 1929—Continued



NORMA

NORMA*(De Petris)*

A large flowering show Anemone. Color a delicate pink with bronze yellow cushion.
Matures November 20th to 25th.

Price: \$1.00 per plant, \$10.00 per dozen

HEARTS OF GOLD*(De Petris)*

Deep canary yellow, cushion golden yellow, large flowering Anemone, about 4 inches across. Dwarf, about 16 inches high, very rigid requiring no staking. Medium size, very healthy, glossy green foliage. Matures November 25th to 30th.

Price: \$1.00 per plant, \$10.00 per dozen

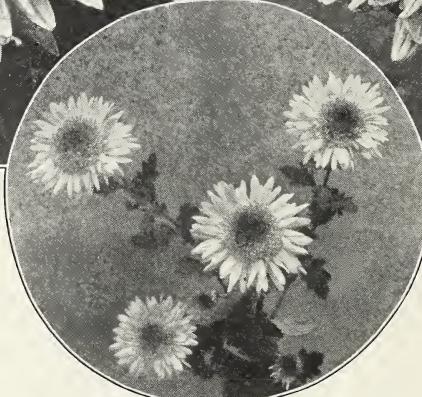
NOVELTY CHRYSANTHEMUMS FOR 1929—Continued



MRS. H. J. BALLAGH



BETTY ROSE



MRS. FRANK J. TANBER

MRS. FRANK J. TANBER

Blush white with pale yellow center and a deep chocolate spot in the center disk. A remarkable grower.

Price: \$1.00 per plant, \$10.00 per dozen

BETTY ROSE

(*De Petris*)

Beautiful shade of light dazzling pink with pinkish yellow cushion. Large flowering Anemone type, four to five rows of ray petals with high rounding cushion. Medium size, healthy, glossy green foliage. Stem, 24 to 28 inches high, very rigid, sprays are well divided. Matures October 25th to November 1st. This is a seedling of Graf Von Oriola, and is much superior to its parent in every way. Makes a very large flower if disbudded.

Price: \$1.00 per plant, \$10.00 per dozen

MRS. H. J. BALLAGH

(*De Petris*)

An even shade of Cattleya pink with straw yellow cushion. A medium sized Anemone. Very healthy, light green foliage of medium size. Stem, dwarf and very rigid, grows about 18 inches high and seldom requires staking. Matures October 20th to 25th. A seedling of Graf Von Oriola and Izola. A novel color combination that is bound to prove popular.

Price: \$1.00 per plant, \$10.00 per dozen

NOVELTY CHRYSANTHEMUMS FOR 1929—Continued

DR. C. V. BRYANT

(Gallagher)

A very fine canary yellow Pompon. Rather a tall grower but well divided and a variety that does not need disbudding.

Price: \$1.00 per plant, \$10.00 per dozen,
\$75.00 per 100

VERA VICTORIA

A splendid Pompon of the very largest size. Color brilliant glowing bronzy yellow. Growth particularly strong and healthy. A variety from the Department of Agriculture.

Price: \$1.00 per plant, \$10.00 per dozen,
\$75.00 per 100



VERA VICTORIA

J. W. Jr.

A light pink, tall growing variety, also from the Department of Agriculture. This handsome, large flower is of pale lavender with deeper shadings on the outer edges. A very handsome, sturdy variety.

Price: \$1.00 per plant, \$10.00 per dozen, \$75.00 per 100



J. W. Jr.



DR. G. V. BRYANT

NOVELTY CHRYSANTHEMUMS]FOR 1929—*Continued*

SUNLIGHT

SUNLIGHT

A very fine orange yellow in color, being a tall and sturdy grower, and possessing every desirable attribute.

**Price: \$1.00 per plant,
\$10.00 per dozen**



RICH RED

RICH RED

This variety was universally admired in our grounds under the name of "Rich Red." It stood with impunity several heavy freezes, and was still flowering profusely, after every other variety was blackened and dead.

**Price: \$1.00 per plant,
\$10.00 per dozen**

**NOVELTY POMPON
BETTY PRICE**

Beautiful golden bronze button Pompon, a trifle darker than Romaine Warren; $1\frac{1}{2}$ inches across, very double, and well arranged large sprays. Very strong stem and wiry growth, 32 to 34 inches high. Medium size, dark green foliage. Matures November 20th to 25th.

Price: \$1.00 per plant, \$10.00 per dozen



FLORENCE-BAHN

THE POCKETT-TOTTY SET FOR 1928

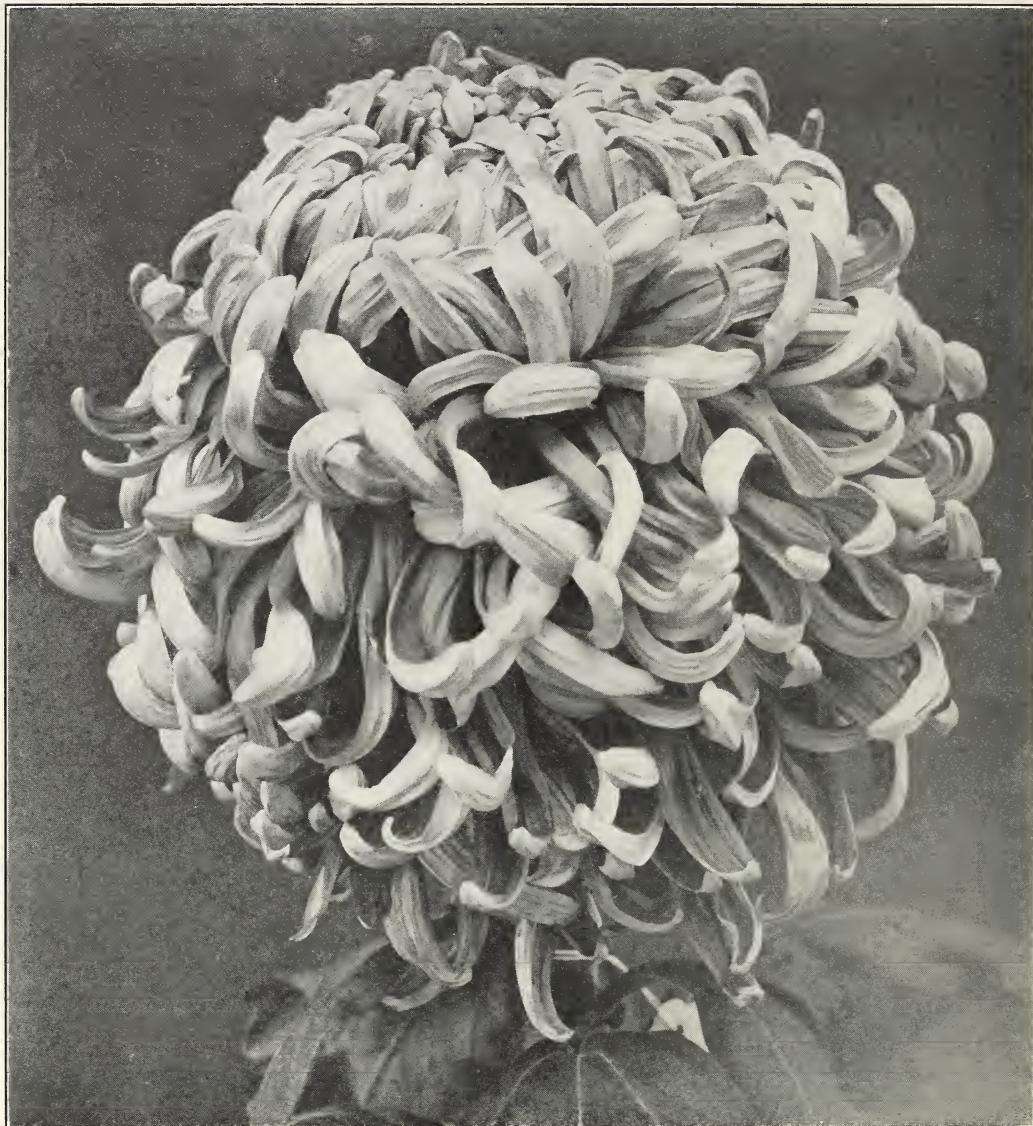
Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100.

FLORENCE BAHN

A chestnut bronze of medium size but a wonderful color. The foliage is small, which permits fairly close planting in the benches. A bud August 25th produces flowers of perfect form with foliage right up to the flowers. Height 5 feet.

FRIENDLY RIVAL

The finest yellow for Thanksgiving, and about the brightest yellow it is possible to procure. Bud taken September 20th. Height 4 feet.

THE POCKETT-TOTTY SET FOR 1928—*Continued*

GRACE STURGIS

GRACE STURGIS

An enormous flower of rich wine red with a pinkish-silver reverse. This is one of the largest Chrysanthemums we have ever seen, and the growth is wonderfully strong, running to 6 feet in height. On account of its vigorous rooting system, it takes up feed much more quickly than other varieties, therefore it should not be fed as freely as other sorts. Crown bud August 25th.

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100

THE POCKETT-TOTTY SET FOR 1928—*Continued*

MRS. AUGUST KOCH

MARIE DE PETRIS

A wonderful incurved commercial variety of intense yellow, deeper in color than Golden Glory. Foliage right up to the flowers, regardless of what bud is taken. Throws 100 per cent perfect bloom regardless of bud. It has a stronger and more rigid stem than any other variety grown. Its foliage is closely set, very healthy, and mildew proof. Individual flowers average 20 to 22 inches in circumference. Matures November 10th to 15th.

MRS. AUGUST KOCH

A rosy-salmon sport of Vermont, with creamy buff reverse. A true sport showing all the characteristics of the variety Vermont. A most unusual new shade of Chrysanthemum; bud August 15th. Height 5 feet.

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100

THE POCKETT-TOTTY SET FOR 1928—*Continued*

PATRICIA GRACE

PATRICIA GRACE

An exquisite variety for lovers of exhibition 'Mums, who are looking for the unusual in this flower. The color is a lovely shell pink and the petals are large and tubular in shape, standing straight out from a common center.

The older Chrysanthemum grower will recall "Lillian F. Bird" of thirty years ago, and this variety is a duplicate in formation and growth of that well-known sort.

MRS. HENRY EVANS

This Chrysanthemum might easily be described as a crimson Cactus Dahlia, since its characteristics resemble this flower. Every petal reflexes back, showing its color to the best advantage. Particularly valuable in the short stem classes on the exhibition table. A pure deep crimson; an Australian variety. Bud August 20th onward. Height 4 to 5 feet.

PRIDE OF RICHMOND

Pure, bright pink of broad, incurving form, both commercial and exhibition variety. There is not the slightest tinge of magenta in this variety. The stem is stiff, holding the flower erect, as near perfection as any Chrysanthemum we have yet introduced. Blooms about November 10th. Take bud September 10th. Height 4 feet.

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100



CARRIE BEINECKE

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100

The following list of Chrysanthemums are the varieties that are usually found exhibited at the different shows. Many of these varieties are also grown by commercial florists for their cut flower trade, and we are listing only the very best of the many varieties introduced for the past ten years. We can recommend the entire list very strongly to anyone who wishes to grow Chrysanthemums in a greenhouse.

BRONZE TURNER

Color is buff-bronze, with the lower petals shaded maroon. Since everyone who has grown Chrysanthemums, or has seen them exhibited at the flower shows, knows the Turner type, to describe it further would be to use up valuable space on a well-known subject.

CARRIE BEINECKE

When we say that this variety is an improvement on "Majestic," it is rather a broad statement, but when one sees the lovely, warm bronze color and perfect growth with ideal stem and foliage, you will agree with us that this is the finest variety distributed in our twenty-five years of introducing Novelties. Any bud after August 20th. Height 5 to 6 feet.

STANDARD VARIETIES EXHIBITION CHRYSANTHEMUMS—Continued



DR. J. M. INGLIS

DR. J. M. INGLIS

A rich wine-purple amaranth with a silver reverse. The petals are loosely incurved and this variety is in every way a great improvement on Earl Kitchener.

EDMUND STILLMAN KELLY

Pure glistening white. Very strong in growth and one of the good November varieties.

JOHN S. BUSH

A seedling from Louisa Pockett, which it much resembles; of immense size. Late buds of this variety are occasionally splashed with lavender, in a very novel manner. If the lavender-shaded flowers are desired, select the bud the second week in September. For pure white flowers, take bud August 15th onward. Height 6 feet.

J. R. BOOTH

This is the golden yellow sport of Nagirroc, which is too well known for further description. Height 4 feet. Crown bud, August 26th.

HONEYDEW

Brilliant canary-yellow; a fine addition in the yellow class; fine grower, about $3\frac{1}{2}$ feet high. Stiff stem, handsome foliage.

HONORABLE JAMES R. MANN

Color reddish-bronze, with a pencil line of gold extending into the flower on each side of the petal. A very attractive variety that was greatly admired by the numerous visitors to our establishment on account of its rich autumn tints. Best flowers on buds taken August 25th.

MAJESTIC

Clear, shiny amber-bronze; a very brilliant shade of color, and a most attractive variety.

MISS MILICENT ROGERS

One of the most novel Chrysanthemums introduced in many years. Color bronzy-pink with gold shadings. Foliage right up to the flower, stiff stem, fine habit of growth. Height $4\frac{1}{2}$ feet. Crown bud August 15th.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100



MRS. F. E. LEWIS

MISS RITA MITCHELL

Color salmon-bronze with fawn reverse; a most attractive variety. Enormous in size and will be one of the most popular kinds shown on the exhibition tables once it has become well known and generally distributed.

MRS. E. KERSHAW

A splendid, warm bronze, with immense petals and artistically arranged. Tremendous growth of foliage and stem. A color that is sure to please the exhibition grower. Height 5 feet. Bud August 15th, onward.

MRS. F. E. LEWIS

An exquisite deep crimson with an old-gold reverse. Petals are extremely wide and the wonderful combination of crimson and gold is strikingly attractive. In color, is far superior to Pickett's Crimson at its very best. Late crown bud the first week in September. Height 4 feet. Certificated 93 points.

Price: 50c., per plant, \$3.00 per doz., \$20.00 per 100

MRS. GILBERT DRABBLE

On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive. Purest white in color.

MRS. G. G. MASON

Very distinct variety; color blood-red with a gold reverse, though very, very little of the gold reverse appears. Height 5 feet. Crown bud August 20th.

MRS. JULES C. LEEDS

A very vivid blood-red Chrysanthemum. The gleaming brownish petals of this variety are very novel and, on account of its marvelous color, it will be one of the most popular varieties. The individual petals are very broad and hang down gracefully from the center, making a perfect sphere in form. Splendid stem and foliage. Height 4 feet, second crown bud.



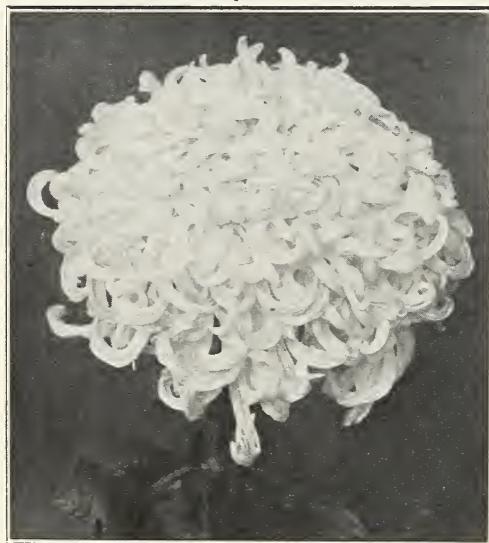
MRS. G. G. MASON

MRS. LOUIS B. TIM

Lustrous white with incurving petals; the earliest and largest white, blooming in early October. Stem and foliage absolutely ideal. Dwarf grower $2\frac{1}{2}$ to 3 feet high. Bud August 15th.

MRS. WOODROW WILSON

Classed by many growers this year as the early Turner. It was in full flower October 1st. Take bud August 5th. Height 4 to 5 feet. Pure white.



ROSE DAY

NAGIRROC

Finest exhibition bronze we have ever distributed; color, deepest glowing orange-bronze, 45 inches in circumference. Height 5 feet. Any bud after August 15th.

POCKETT'S CRIMSON

The greatest thing in its color ever sent out. Crimson with a gold reverse. Makes a flower 9 inches across; splendid grower, with foliage right up to the flower.

POULTON'S CLIMAX

An extra large and well proportioned white of great refinement, resembling Madame Carnot. If this variety were a little stiffer in the stem, we would call it "a gem of the first water."



NAGIRROC (Golden Champion)

PRESIDENT JOHN EVERITT

Color, very unique chamois-buff; when first opening the petals are very closely incurved, forming a perfect ball, 27 inches in circumference. Bud August 15th onward. Height $3\frac{1}{2}$ feet.

PRIVATE JAMES GRESHAM

Terra cotta red with gold reverse. It is particularly strong and free and comes splendidly on any bud, either early or late. Height 4 feet.

PRIVATE MERLIE HAY

Warm, bronzy-red in color, with clean, heavy foliage right up to the flower. Take bud any time after August 10th. Height 5 feet.

ROSE DAY

An exquisite flower of rose-pink; the lower petals droop and the upper petals are beautifully incurved. Bud August 20th onward.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100



THOS. W. POCKETT

ROSE POCKETT

Old gold, shaded bronze. Purely an exhibition variety, but one of the finest kind sent out.

THOS. W. POCKETT

After some forty years of hybridizing Chrysanthemums, Thos. W. Pickett has produced a variety that he considers is good enough to call after himself. This is a lovely clear pink with incurving tips, which has in its color every desirable attribute. We suggest a late bud the last days in August to give a perfect flower and color. Height 6 feet, second crown bud.

VERMONT

A most welcome addition to our exhibition list of pinks. The flowers are of enormous size, reminding one very much of the old variety M. L. Rousseau. Bud August 1st to 15th. Height 5½ to 6 feet.

WM. RIGBY

The yellow sport of Mrs. Gilbert Drabble; color beautiful, bright canary-yellow. Exact duplicate of Mrs. Gilbert Drabble in every way, except color.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100

WILLIAM TURNER

The best variety we have ever introduced; it has created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white.

WILLIAM H. WAITE

Color, deep warm bronze, so brilliant as to seem almost shading to scarlet in some of the flowers. Bud early in August will develop, but bud taken around August 25th will show a more brilliant color. Height 4 to 5 feet.

YELLOW POCKETT

A duplicate of Louisa Pickett in every way save color—every exhibitor simply must grow it.

YELLOW WM. TURNER

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect, except in color; will be one of the most widely grown yellows for this season.

STANDARD VARIETIES OF COMMERCIAL CHRYSANTHEMUMS

Price: 50c. per plant, \$2.00 per doz., \$15.00 per 100.

The commercial varieties of Chrysanthemums are grown by customers who desire quantity rather than quality. These are not as large in the individual flowers, as the exhibition Chrysanthemums, but equally as satisfactory, if one is not looking for flowers exceptional in size.

ADRIAN'S PRIDE

Brilliant yellow for Thanksgiving, and is taking the place of Golden Chadwick to a great extent.

CELEBRATION

A sport of Eaton, with the same wonderful texture and fine keeping quality; same splendid stem and foliage. A glistening yellow. Good for its date, which is November 5th, and budding date September 10th.

CHIEFTAIN

A beautiful incurving pink of perfect shape. Certificated in Boston, Philadelphia and Chicago. Perhaps the finest incurved pink commercial variety in cultivation today.

CORONNA

A beautiful golden yellow, and one of the best commercial varieties grown. Flowering November 1st.

DETROIT NEWS

Golden bronze variety, maturing October 25th. Take bud August 30th.

E. A. SEIDEWITZ

One of the best late flowering pink Mums, introduced to date. Can be had for Christmas if necessary.

EARLY FROST

Most popular early white, coming into flower September 15th onward.

DR. ENGUEHARD

Very largely grown as a late commercial pink.



ROSE CHOCHARD

GLADYS PIERSON

Apricot orange, flowering about November 25th. Take bud September 30th.

GOLDEN GLORY

We have a fine stock of this splendid commercial yellow. Absolutely the best yellow for blooming November 1st. The size, color, stem and foliage are all ideal.

GOLDEN GLOW

One of the earliest commercial varieties, flowering from the first week in September and producing a flower equally as large and satisfactory as Chrysolora, which does not come in until later.

GOLDEN MISTLETOE

Owing to its lateness, this variety is valuable to the commercial grower. A light yellow sport from Mistletoe. Height 5 feet. Date of bud, September 30th.

HARVARD

Japanese reflexed, very dark crimson; in perfection November 15th and later.

MISTLETOE

Blush white of strong upright growth, flowering in December. A splendid variety for commercial work.

MRS. A. M. CALKINS

An improved Golden Chadwick but much brighter color and more globular in form. A very strong grower with good stiff stem, flowering for Thanksgiving.

OCTOBER FROST

Blooms in early October and is the largest commercial white of its date.

OCONTO

White, fine, large blooms on very strong stems; largely grown for its period, which is early mid-season.

PINK MISTLETOE

A late pink variety; sport from Mistletoe. 5 feet high.

ROSE CHOCHARD

A very early pink variety coming into flower early in October. A great improvement on Chieftain in every way. Take bud August 15th.

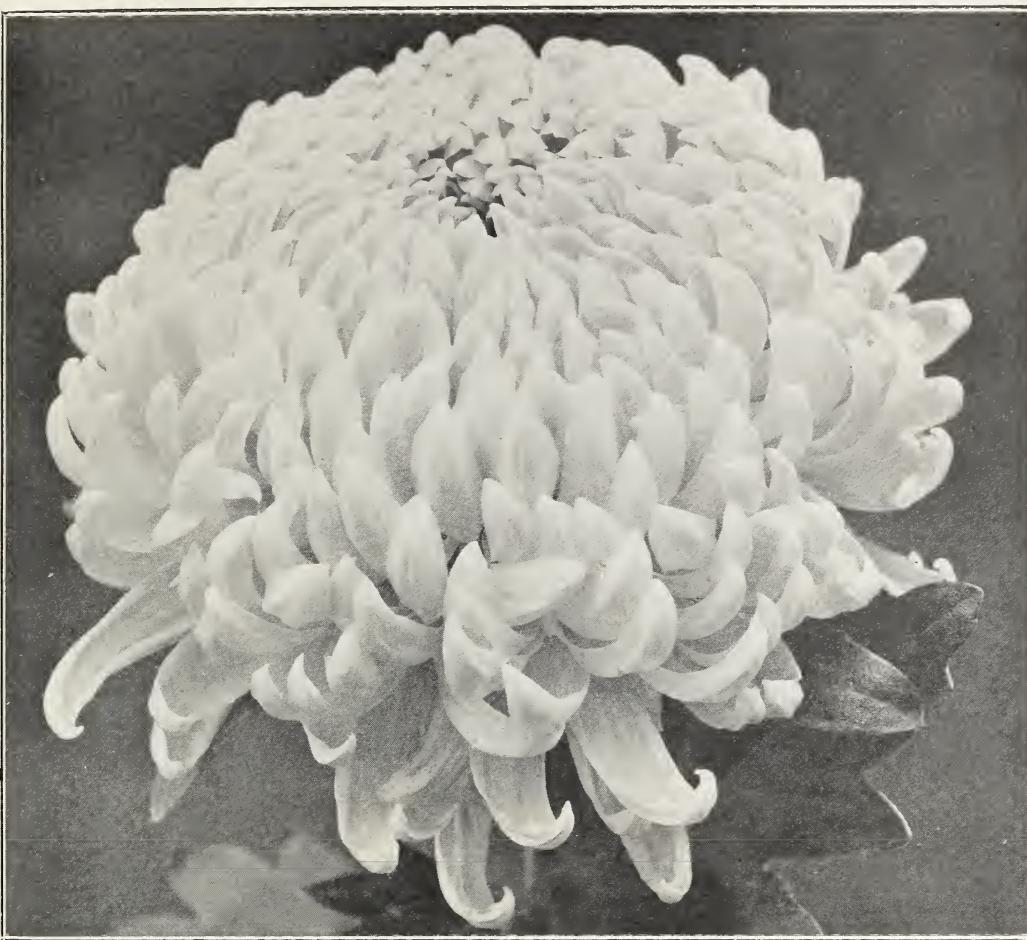
ROSA RAISA

A beautiful incurved light pink, maturing about mid-November.

SILVER SHEEN

A pure white Chrysanthemum coming into flower about October 20th. An incurved variety with marvelous keeping qualities.

STANDARD VARIETIES OF COMMERCIAL CHRYSANTHEMUMS—Continued



YELLOW CHIEFTAIN

SMITH'S ENCHANTRESS

Bright rosy-pink, surpassing all other commercial pink varieties introduced to date. Height 4 feet.

SMITH'S PEERLESS

A creamy white variety for Thanksgiving or later. Height 3½ ft.

SUNGLOW

A bright yellow like Major Bonnaffon, flowering October 25th.

SUNGOLD

Very fine late yellow variety for Thanksgiving and later.

TEKONSHA

Splendid rich bronze of strong, upright growth; also a fine Thanksgiving variety.

UNAKA

The long sought early October pink Chrysanthemum. A broad-petaled Japanese incurved of great depth and size for so early a variety.

WHITE CHIEFTAIN

Pure white sport of the variety Chieftain; duplicate of the parent in all respects save color, which is a pure white.

WHITE SEIDEWITZ

White sport of popular Seidewitz, resembling it in every respect except color, which is a pure white. One of the best varieties for Christmas blooming.

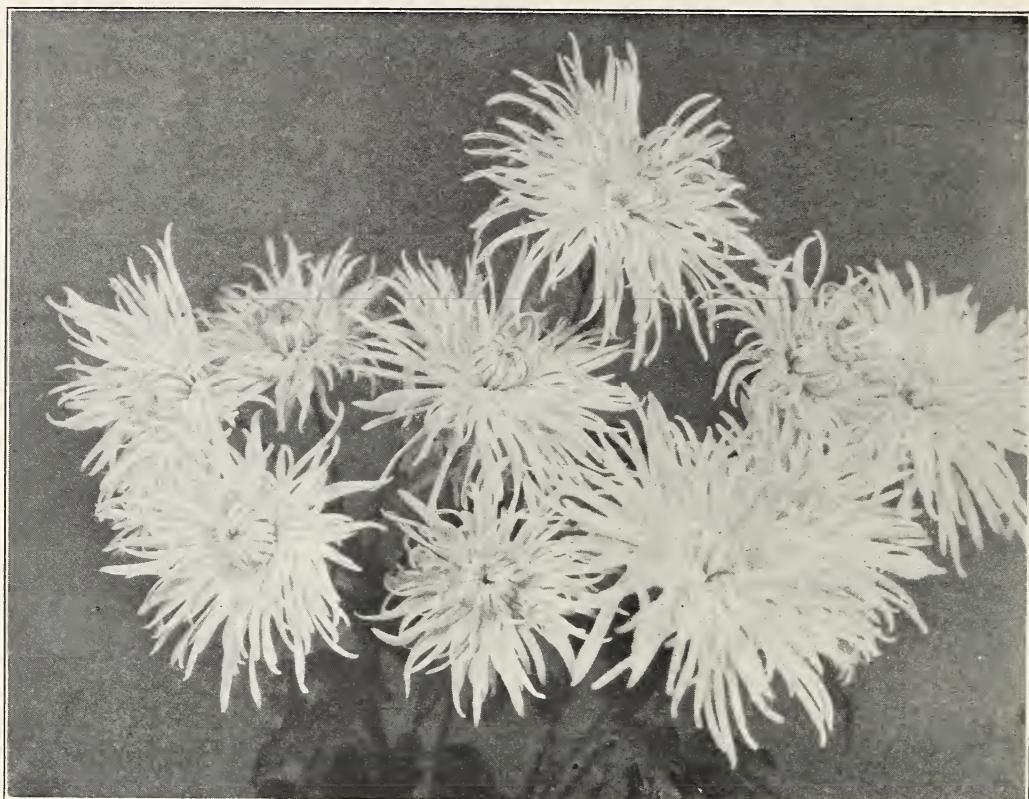
YELLOW CHIEFTAIN

This is a canary-colored sport of Chieftain coming to us from the Pacific Coast. It is identically the same type flower, growth and habit as Pink and White Chieftain and has wonderful commercial possibilities. As grown with us—three flowers to a plant—it was the most profitable variety handled this year. It is identical in all respects with the Chieftain excepting color.

YELLOW EARLY FROST

The yellow companion for Early Frost, blooming in early October. One of the finest commercial yellows.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100

THE DEAN (*See page 21*)

FEATHERY, SPIDERY AND THREAD-LIKE VARIETIES

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

We imported the following varieties from Japan years ago and are the only concern in the country listing this type. Where one wishes late flowers and has a conservatory or greenhouse, we recommend that just a few of the following varieties be grown, and we know they will surprise and please the grower.

AMATERASU (The Sun Goddess)

Heavy quilled petals which follow no set design but twist and curl like a very informal Cactus Dahlia. Color is yellow, as the name implies.

BENTEN (Goddess of Beauty)

Quilled petals, standing straight out from the center; color green-gold at center with blood-red tips; no Chrysanthemum introduced to date has the peculiar shadings found in Benten.

FUGI (THE WISTERIA)

The largest of the entire set; pale lavender in color with very narrow petals hanging down 8 to 10 inches in length. Very refined type. Splendid foliage and stem.

JIUJITSU

This 'Mum reminds one of the old-fashioned peppermint sticks, inasmuch as half the petal is white and the other half deep pink. The petals alternating make this a most fascinating variety. Spidery type.

FEATHERY, SPIDERY AND THREAD-LIKE VARIETIES—Continued



SAM CASWELL



TACHIBANA

PINK BEAUTY

A deep, pinkish lavender shading to pale lavender at the tips of the petals. Greenish gold in the center and a very beautiful Chrysanthemum which can be recommended as entirely hardy.

PINK BENTEN

A sport from the popular Benten, but a pure rich pink in color.

SAM CASWELL

Somewhat resembles White Thread except that it is larger and the end of each petal is divided into three points; the color is a brilliant rose-pink and a spray of this variety is a pleasing and attractive sight. Feathery type.

TACHIBANA (The Orange)

Looks exactly like a mass of corn silk and when the flower is removed from the stem it is impossible to believe it to be a flower. Certainly no one would think it was a Chrysanthemum.

THE DEAN

A bridal white, feathery variety which makes a very charming spray when grown naturally without any disbudding. The narrow quilled petals are very irregular on the flower, and the pale beryl green curled center is a charming contrast to the intense white of the flower.

WHITE MRS. FILKINS

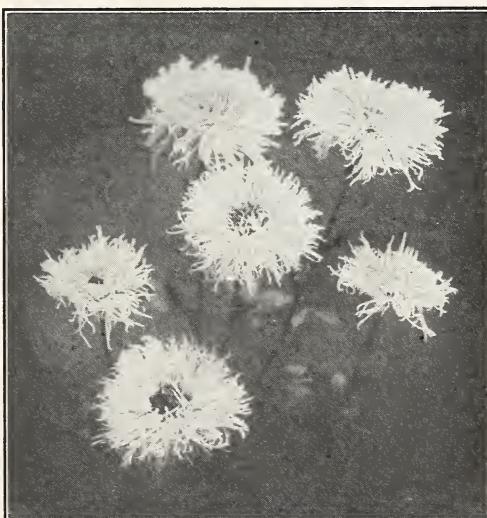
A pure white 'Mum, producing many flowers on a plant. Nice stiff stems, excellent for cut flower work and very novel in petalage.

WHITE THREAD

A beautiful and interesting variety resembling nothing so much as a quantity of short white threads growing on a stem. In contrast with large varieties in any exhibition it always calls forth great interest. Thread-like type.

WHITE WISTERIA

The creamy white sport of Fugi, very narrow petals; fine grower; a delightful variety.



WHITE THREAD

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100

STANDARD ANEMONE CHRYSANTHEMUMS

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

Very individual and showy in their different colors are the Japanese Anemone Chrysanthemums. They are very distinct, as to type with their tufted centers, a charming contrast with the surrounding broader petals.

BLANCHE

An improved form of Garza. A very attractive flower of splendid habit.

CADET

A very fine bronze Anemone, that has proved very valuable wherever grown.

COED

A clear pink with a tinge of yellow at center, $3\frac{1}{2}$ inches in diameter, 3 feet high, flowering about November 10th.

EUGENE LANGAULET

Deep golden-yellow. Most popular variety in its color in the cut flower market.

GOLDEN LIDA THOMAS

Rather tall, deep golden-yellow flowers; very valuable on account of its late blooming habit. Can be kept for Christmas, if desired.

GRAF VON ORIOLA

Strongest grower of the set; color pure rose-pink; tubular petals in center tipped gold; ends of the outer petals incurve slightly, making a bold and striking appearance; very bright foliage.



GRAF VON ORIOLA

GRAF VON FLEMING

This is a charming variety; color of the purest pale lavender, the outer petals are tubular until they reach the edges, where they open and droop back.

INNOCENCIA

Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow.

JUNO

Deep lilac, shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; a magnificent variety in its color.

MADAME LUNT

Milk-white with rich, creamy-yellow center; a great improvement over existing sorts, and the very earliest white Anemone to come into flower. Wonderful foliage, very clean grower, and stiff stems.

MARIAN SHILLABER

Deep primrose-yellow, with deeper bronzy-yellow tufted center. Most easily described as "Jonquil" yellow.



JUNO

STANDARD ANEMONE CHRYSANTHEMUMS—Continued

MISS HELENE BORMAN

Terra cotta bronze, with loose crested center of pale buff, the tips of each of the crested petals are split, showing the terra cotta shadings like the outer petals.

MRS. ALFRED G. WILSON

A glistening pure white Anemone with pale yellow centers. As grown and exhibited by the originator, it has been the sensation of several flower shows. The growth is strong and robust, and the variety is a great improvement in every way on "Blanche," which to date has been one of our most popular white Anemone varieties. An aristocrat that should be grown by every Chrysanthemum enthusiast.

RED BIRD

Deep ruby-red, with green, golden crested center; when slightly disbudded and grown in sprays this makes a magnificent variety. Most unusual color combination in this type.

ROSE ROYAL

A violet-rose petal, with tufted yellow center, maturing November 15th.

SPRING HILL

Blush white with yellow Anemone center. This variety has excellent substance and petalage. The stem is very rigid and particularly valuable on this account both for cut flowers and pot plants.



MRS. ALERED G. WILSON (*De Petris*)

SURPRISE

Brilliant rose-pink; one of the largest and very finest in this section.

TITIAN BEAUTY

Color, deep rich bronze, shading in the center to scarlet. One of the most striking of the collection; outer petals reflex showing the center to advantage. Strong growth, with heavy dark foliage.

TRIUMPH

A bronzy-yellow Anemone with long golden bronze outer petals and large, bright yellow tufted center.

TUSCOBA

Indian-red with yellow edges and a bright gold cushion, flowering after November 5th.

WELCOME

A very lovely Anemone of old rose with golden tips. The flowers are most gracefully arranged on the stem, having six to eight on a spray and placed so that every flower shows to the best advantage without any disbudding.

WILFREDA

Outer petals pale yellow, center petals bronzy, tipped straw yellow. Plant is a very strong grower and the flower holds itself very stiff and erect when cut on long sprays.

WELCOME

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100



Pot Plants, Caps and Decorative Varieties



WELLINGTON WACK

LIZZIE ADCOCK

Deep yellow sport of Source d'Or. Precisely like the parent in every respect as to growth and culture.

SOURCE D'OR

Sometimes called "Golden Feather," a wonderful variety when grown in sprays or as a pot plant. Deep reddish-bronze.

PURPLE CAP

Bright purple sport of Caprice.

WELLINGTON WACK

Color soft primrose yellow, medium in size, with neat, reflexed petals. In our many years of Chrysanthemum growing and distribution, we have never had anything quite as fine in the Decorative Chrysanthemums.

WHITE CAP

Pure white sport of Caprice.

YELLOW CAP

Brilliant yellow sport of Caprice.

The following varieties are listed separately for the convenience of the buyer, and are all particularly adapted for pot plant work. These are the kinds usually grown for the wholesale markets in large quantities. They are often handled very satisfactorily by being planted out in the open ground in May, kept pinched into shape and potted September 1st.

Price: 50c. per plant,
\$3.00 per doz., \$20.00 per
100

BUTLER'S CAPRICE

Deep pink sport of Caprice du Printemps.

KATHLEEN THOMPSON

The crimson sport of Caprice.

LILAC CAP

Deep lilac sport of Caprice.



SOURCE D'OR

HARDY GARDEN SECTION

The varieties that follow are all perfectly hardy, providing they are grown in a section that is not too wet. If the stock plants are water-soaked all Winter, or frozen up in cakes of ice, they will not survive, but given congenial growing conditions and a slight protection of dry leaves with pine branches over them to prevent the leaves blowing away, they will come through without any trouble. Then in the spring, after they commence to grow, they should be divided so just one shoot will remain to make the future plant. While the first frost will blast the flowers that are developed at the time, it will not injure the unopened buds, and the outdoor 'Mums can be enjoyed to their fullest extent all through the lovely "Indian summer" weather.

Early Flowering Chrysanthemums

The cultivation of these 'Mums is simple: Plant them in a rich, well-drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mums in every garden in America, whether one has greenhouses, frames, or grows them in the open garden. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

STANDARD VARIETIES

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

A. BARHAM

A beautiful orange-bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration.

CANDIDA

This is the variety that is grown by the million in Europe, under the name of "Sanctity," etc. The color is absolutely pure white, and when grown without being disbudded produces masses of pure white flowers, which are wonderfully effective.

CHAS. JOLLY

Bright, rosy-pink; splendid variety and popular with everyone.

CRANFORDIA

In this variety we have an early flowering 'Mum that covers every possible point; perfect in flower and stem; foliage up to the flower and every plant will carry twelve to twenty beautifully finished flowers. Color deep, bronzy-yellow.

FIRELIGHT

Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

NORMANDIE

Creamy-white; magnificent variety. The earliest and perhaps the best.

PETITE JEAN

On the same order as Perle Chatillonaise, but comes into flower about a week later. Color, pure white with a light yellow center.

YELLOW FROST

The bright yellow variety of the ever-popular Early Frost, coming into flower early in the season.

YELLOW NORMANDIE

Clear, bronzy-yellow sport of Normandie. Earliest yellow to come into flower.



CRANFORDIA



Single Chrysanthemums for 1929

The Single Chrysanthemums every year show more advance than any other type. They have practically reached perfection in coloring, size, habit of growth, and quality. They flower at a time when all other flowers have finished blooming, and for coloring are as gorgeous as any summer perennial in the garden, when the right varieties are selected.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100

**BABY CHARLES**

SINGLE CHRYSANTHEMUMS STANDARD VARIETIES

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

ALICE HOWELL

A rich shade of orange-yellow in color. By far the most attractive of any of the yellow single varieties.

ARABY

A pure white seedling of very vigorous habit and growth. A decided improvement on Mensa, the petals are of excellent texture and the flower is a very fine keeper and shipper.

BABY CHARLES

A strong growing Single Chrysanthemum of clear yellow, the florets of which reflex considerably on the tips of the petals. Fine grower.

BESSE LA ROCHE

Color, when first opening, Brazil-red, but as the flower ages it shades into a deep crimson-bronze with large yellow zone in the center.

BRONZE BUCKINGHAM

When we say this variety is a duplicate of its parent in every respect except color, little more description is necessary, for Buckingham is one of the best known Singles. Color is a cheerful glowing bronze.

**BRONZE BUCKINGHAM**

SINGLE CHRYSANTHEMUMS, STANDARD VARIETIES—Continued



CATRIONA

BRONZE MOLLY

Color clear tawny yellow. A Single that is enormous in size, both as to flower and plant. The plant, under favorable conditions, will attain a height of 6 feet, clothed from top to bottom with luxuriant foliage.

CAROLINE ROBBINS

When first opening, the flowers are a deep mallow-pink and gradually develop into lilac-rose. The very broad petals of this flower much resemble a double Cosmos.

CATRIONA

Deep, rich amaranth, with a narrow white zone around the disc; of fine form and splendid habit. This variety will make one of the very finest Singles for pot culture, owing to its dwarf, rigid growth and stiff stems.

DAINTY

The buds are reddish-bronze, the opening flowers a yellowish-pink, and the full open flowers a delicate rose-pink. The flowers are small and daisylike. It is altogether a simple and beautiful variety and well named "Dainty."

DOROTHY BORDEN TAYLOR

An exquisitely graceful deep crimson with large golden center and old gold reverse. The flowers of this variety are very much separated on the stem and of immense size and texture. Some of the petals reflex quite a little, making it one of the most unique varieties in type that we have had the pleasure of introducing.

DR. MARCUS A. CURRY

Autumn tints best describes this flower, which is a combination of yellow salmon-bronze and scarlet. The colors are very intense when first opening, changing to a lighter shade as it develops.

DR. MILLS

A very handsome canary-yellow variety, coming into flower November 15th and later, and will be very popular on that account. The growth is stiff and erect and every flower stands out most attractively on the stem.

ESME WATERS

Color deep rich yellow and a variety that will be very valuable as a cut flower, as it comes into flower November 15th and later. Very long foot stalks which makes disbudding unnecessary.

FIREBIRD

Very bright red Pompon or strong upright growth, flowering in late October.

GODFREY'S TRIUMPH

This is named by one of the finest cultivators of Single Chrysanthemums in Europe. In shape it is exquisitely cupped like a Waterlily, and the flower is of a bright Buttercup yellow.

GOLDEN MENSA

Identical with Mensa in every way except color, which is a bright, golden yellow.

GOLDEN SUN

One of the most brilliant yellows we have ever seen. Petals very stiff and the several rows of petals on the flowers make it ideal for shipping. Growth particularly strong and vigorous, with luxuriant foliage.



ESME WATERS

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100



JULIA QUINLAN

GRACE CALHOUN

Magnificent old gold, shaded carmine. One that stands out in the entire collection. Has about three rows of petals which makes it a superior variety for shipping as a cut flower.

GRETCHEN PIPER

One of the most admired of the varieties at the flower shows for the last two years. The color is a deep glowing yellow and the flower light and graceful.

H. MARIE TOTTY

We consider this the finest Single we have ever had the pleasure of introducing. Color is a brilliant crimson, with scarlet shadings near the center of the flower.

HELIOS

Chestnut-scarlet, occasionally flecked with yellow at the tips. The individual petals twist back, making the flowers look as though the petals were quilled. Foliage and stem particularly pleasing.

ISABEL FELTON

Classed in Europe as the very finest yellow; with us the growth is rather tall and the flower has considerably more color than Golden Mensa.

JULIA QUINLAN

A gorgeous combination of old rose and bronze and one of the finest varieties we have had for years. The individual stalks are 6 inches or more in length, rendering disbudding unnecessary, giving the flowers a distinct and massive appearance.

JEANNE SHELLY ADAMS

A deep rose-pink with white zone around the center. The flowers well produced in heavy clusters and the rigid stem holds them up erect and sturdy.

JOYCE STROWLGER

A bronzy salmon-pink of wonderful substance and texture. It is impossible to describe the true beauty of this particular variety.



GODFREY'S TRIUMPH (See page 28)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100

SINGLE CHRYSANTHEMUMS, STANDARD VARIETIES—Continued



MELBA

KATHLEEN MAY

Very brilliant crimson, with some six rows of petals, making the flower almost too heavy to be called a Single, although it has the open center of the Single types. Stiff stem and foliage ideal.

KITTY RICHES

For years we have been trying to produce a pink Single that could be brought into the market early and in this variety we have achieved our ideal. The color is a dainty pink, much like Mrs. Buckingham, and sells on sight.

LOUISE MAYO

The most exquisite and beautiful Single we ever introduced. Contains about six rows of petals, the lower four rows of same being deep creamy lavender and the shorter or inner rows a pale gold, of enormous size, with stiff, heavy growth.

LILY NEVILLE

White, of great substance and size, with solid flowers nicely arranged on the stems. This variety is also adapted for pot plants as well as cut flowers, since it is a dwarf, stiff grower.

LOUIS SPEARS

Brilliant chestnut-crimson; plant a very strong grower, needs to be disbudded as the flowers are rather closely placed on the stem.

MARGARET WAITE

A deep pink sport of the well-known late pink Single, Mrs. E. D. Godfrey, differing from the parent in having extra petals, and a much deeper and more pleasing color.

MARGARET W. WANNER

Cadmium orange, suffused deep amber-bronze; being a seedling of Buckingham and retaining all its hardy characteristics with the added advantage of an additional row of petals.

MAYOR J. W. SMITH

A very fine late deep rose-pink Single with very stiff straight petals. A remarkable shipper and a strong, clean perfect grower.

MELBA

A brilliant bronzy-red of exceptional merit. The foliage is magnificent, the growth strong and sturdy. One of the most satisfactory varieties seen in many years.

MENSA

Purest white. This is a splendid variety.

MISS ISABELLE

A sport of Mrs. E. D. Godfrey, and comes to maturity for Thanksgiving Day. Bronze color with a silvery reverse to the petals.

MISS MARY ISABELLE

Blush white in color with a background of clear lavender, needing no disbudding, as the individual flowers are nicely placed on the stems, making it one of the most graceful varieties we have distributed in many years.

MISS MOLLY

Color is a brilliant bronzy-amber, flowers large and well placed on the stem, needing no disbudding.

MOLLY HUNT

A glistening white Single with broad, flat petals in striking contrast to its bright yellow center. Free flowering and a variety that will be warmly welcomed as it is the finest white in many years.

MRS. W. E. BUCKINGHAM

Midseason pink, has proved itself one of the best varieties for cutting or market purposes ever introduced.



LOUISE MAYO

Price; 50c. per plant, \$3.00 per doz., \$20.00 per 100

SINGLE CHRYSANTHEMUMS, STANDARD VARIETIES—Continued



R. COLLINS

MRS. MARCUS A. CURRY

Old rose in color with a beautiful bright yellow center, well divided, and a great favorite in the fall exhibitions.

MRS. E. D. GODFREY

Light pink; same shade as Lady Hopetoun; very finest variety for Thanksgiving market; very strong grower and more largely grown than any other Single.

MRS. EDWARD HARDING

A charming new shade, best described as bright claret-rose with a warm golden center. Best of all, it has a very unusual sweet, spicy fragrance and is a table decoration par excellence, having splendid keeping qualities as a cut flower.

MRS. ALBERT PHILLIPS

Deep lavender in color, one of the earliest of the Singles to develop this year; fully open October 5th. When first opening the contrasting color is a lovely cream, charming and beautiful.

MRS. A. HILES

Very luxuriant foliage and ideal habits of growth. The petals on the tips are of a clear yellow with veinings and stripes of crimson scarlet. A most attractive and distinct variety.

MRS. JOHN A. STEWART, JR.

A lovely bronze with yellow zone immediately around the center disc; just the color that associates itself with autumn foliage.

OLD GOLD

A splendid variety, commencing to flower November 15th to 30th; in every respect a first-class type. The color is pure, clear old gold, and the foliage is so deeply cut as to resemble a holly leaf. The ensemble is most attractive. The stem is very sturdy and robust and, taken altogether, "Old Gold" is a most desirable variety.

Price; 50c. per plant, \$3.00 per doz., \$20.00 per 100

R. COLLINS

Brilliant tawny bronze, coming to us from Europe. This is a beautiful, strong grower and the flowers are well divided on the parent stem, which makes it ideal to grow as a spray variety. "R. Collins" is a shade of color that is always in demand, and to date varieties of this color have been limited. We predict a wonderful future for "R. Collins."

RIDGEWOOD

A very heavy, small-flowered Single with quantities of petals, which makes it adaptable for outdoor culture. The color is a lovely clear pink with a bronzy glow overshadowing the petals.

ROSE F. RICCI

A lovely clear pink with very brilliant golden center. The petals have a frilled effect that is very beautiful and the individual flowers are gracefully arranged and are divided on the stem.

ROUPEL BEAUTY

True American Beauty in color, very large flowers with bright yellow center; very attractive flower and novel color.

RUTH E. ADAMS

A beautiful bronzy old gold of very distinct appearance. This variety attracted the attention of everyone who saw it growing in the garden this year.

RUTH C. DENNISON

A bright yellow Single that is destined to take the place of Golden Mensa, since it is a great improvement over that variety, and comes into flower three weeks earlier.

SEPTEMBER GEM

The earliest yellow single Chrysanthemums to come into flower. Beautifully clear and distinct and or anyone desiring flowers in October in their garden, this variety is unequalled.

STANLEY VEN

Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. This variety has been on the market five years, but we have been unable to find anything to displace it in its color to date.

VICTORIA MORI

A beautiful, deep red with a clear gold zone in the center. This variety comes into flower November 1st, with an abundance of marvelously colored flowers which shine out very brilliantly among other varieties.

VIVIAN COOK

A delightful addition to the already large list of yellow; coming in as it does a week before Golden Mensa, with a larger flower, it fills in nicely. Color is brilliant canary-yellow.

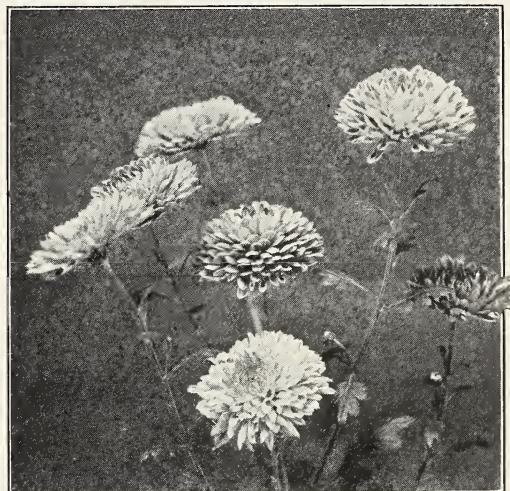
WINIFRED PERRY

The flowers of this variety are very valuable and beautiful. The color is a pale bronze, shading to salmon-pink. Does best when disbudded and it is named in honor of one of the most popular flower painters in London.

Large Flowering Pompons

For cut flower work, this type of Chrysanthemum is unexcelled, since it produces long sprays of flowers with the blooms gracefully arranged on the stem. This improved type of Pompon has become very popular within the last five years, and they are now preferred by many people to the smaller or button types.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.



ANNA KUHN

ADELAIDE

A splendid, deep, rich mahogany; one of the earliest to develop, being ready to cut by October 10th. Strong, healthy grower and a desirable variety in every way. About 4 feet high when well grown.

ANNA KUHN

Deep old rose with lighter shadings on tips of petals, the whole flower giving the suggestion of clear Indian-red, when growing on the plant.

ANNA L. MORAN

Of all the many Chrysanthemums we have distributed the last twenty years this is our favorite in the Pompon section. The color is splendid—a brilliant flame-scarlet, so vivid as to be easily the most striking flower in the entire collection.

BRONZE DOTY

Deep terra cotta bronze, like both of the foregoing varieties of the Doty family, it is also of splendid habit, stiff in stem and free flowering. The deep terra cotta red is enhanced considerably by the old-gold shadings throughout the petals.

BRONZE QUEEN

Almost identical in color with Anna L. Moran, but two weeks later in blooming; a brilliant flame red, deepening in color as the flower ages.

BUDDY

A dwarf Anemone Pompon, very attractive color of yellow and bronze. The flower droops down in a very peculiar manner, showing the small disc center to the best advantage.

CAPTAIN COOK

Taller in growth than the average Pompon, running the same as Lillian Doty. First Pompon to open and the color is a lovely shade of rose-pink, far ahead of anything else in its color at the time of blooming.

DREAM

A very handsome late Pompon and a delightful acquisition to the late varieties. The color of Mrs. E. D. Godfrey, Single Chrysanthemum. Disbudding is unnecessary with this variety, as every flower stands well out, and shows itself to the best advantage.

FRANCES HUCKVALE

Gardenia white, with a creamy shaded center. Far in advance of Queen of the Whites, or any other Pompon.

GOLDEN STAR

A very handsome variety, dwarf, erect habit, with stiff stems. The petals are narrow and beautifully whorled, giving a flower of deep yellow and an effect of grace and charm not often seen.



ADELAIDE

LARGE FLOWERING POMPONS—Continued

H. R. H.

Clear lavender of the Doty type, but superior in the general make-up of the flower. Growth stocky and robust. If the center bud is removed from the shoot it makes a marvelous spray without any other disbudding.

HELENA FLINT

Rich old gold in color, and a duplicate of Doty in form, growing habit, foliage, etc. A very fine acquisition to the Doty type, we have been growing for a number of years.

JULIA DE WITT

Bright bronzy-amber with deeper shadings. A dainty and exquisite variety.



BUDDY (*See page 32*)

LUGANO

A brilliant lemon-yellow Pompon, shading to golden yellow. A most productive variety that can be grown either disbudded or in sprays, and when disbudded the flowers measure 3 to 3½ inches across. When grown in sprays the flowers are placed on stiff stems. This Pompon is a valuable acquisition to the commercial grower, as it has excellent keeping qualities. Very healthy, small foliage, and very rigid stems. 28 to 30 inches high. Matures November 1st.

MARY ANN

Light pink in color, a great favorite with the visitors to our establishment this fall. Excellent in foliage and stem.

MISS HELEN TAIT

A particularly vigorous pink, almost too large for a Pompon, but makes a wonderful show in the garden. Flowers very resistant to weather conditions and will keep outdoors in good condition for weeks.

Price: 50c. per plant, \$3.50 per doz., \$20.00 per 100



ANNA L. MORAN (*See page 32*)

MRS. FRANCIS H. BERGEN

Creamy white, with center of rosy-pink, shading to lighter pink in the outer edges. As the flower ages it changes to a charming pale lavender.

MRS. H. HARRISON

One of the first of the Pompons to come in flower, being in excellent condition to cut outdoors the middle of October. The color of this variety indoors is a dainty, exquisite blush.



LUGANO

LARGE FLOWERING POMPONS—Continued



MRS. H. HARRISON (See page 33)

MRS. J. WILLIS MARTIN

Crushed strawberry in color. The only variety we have in this shade of outdoor Chrysanthemums. One of the most beautiful varieties we have ever introduced, and on account of its exquisite shade is very popular.

MRS. HENRY F. VINCENT

An exquisite shade of fawn and bronze with salmon-pink shadings. This variety also is very strong in growth and the foliage is perfect in every way.



MRS. J. WILLIS MARTIN

MRS. NELLIE KLERIS

This variety is an improved Lillian Doty, but the color is more evenly diffused over the flower. The blooms are equally as large as Lillian Doty, but better divided on the stems.

MRS. G. W. WICKERSHAM

Large, snow-white flowers on long stems that are splendid for cut flower work.

NELMA PUTNAM

The outer petals of this variety are rose-pink shading to pinkish-bronze in the center, and the very center of the flower is creamy-yellow. The color effect is very pretty.

PINK POPCORN

A counterpart of the white in every way, except color, and this is a clear, handsome shade of pink.

RED DOTY

Wine-red, with a silvery reverse on underside of petals and showing up distinctly in the short, crisp, center petals. A duplicate of Doty in form and habit, and three times as large as that favorite variety.

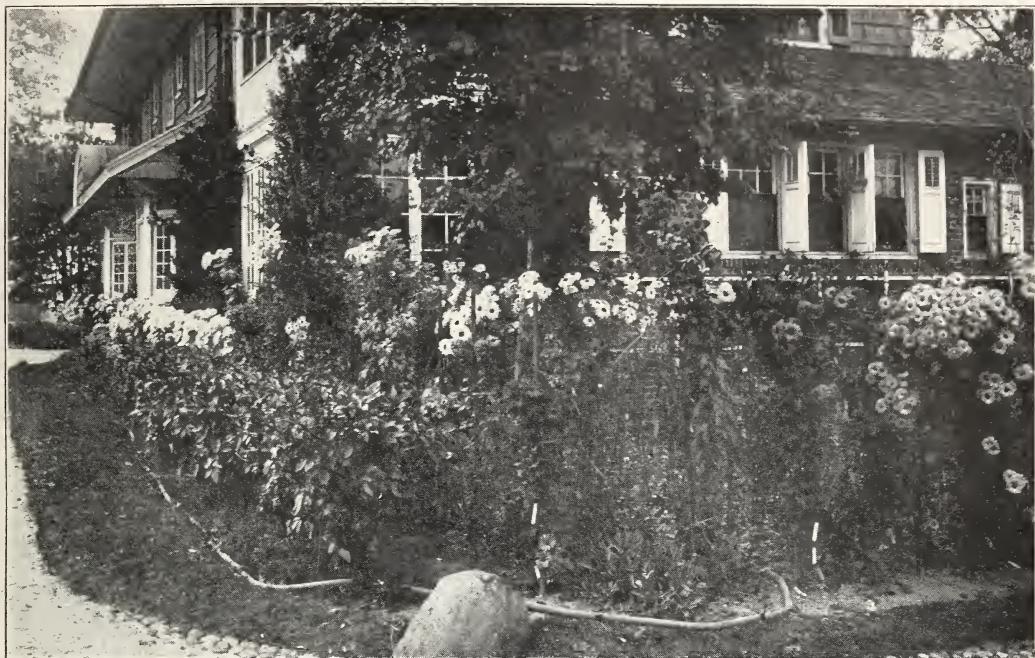
WHITE POPCORN

Lovely ball of pure white, ideal in growth, with very stiff stems. Flowers are well divided on the spray. One of the best cut flower varieties.



MRS. HENRY F. VINCENT

Price: 50c. per plant, \$3.50 per doz., \$20.00 per 100



HARDY POMPON CHRYSANTHEMUMS Standard Sorts

Frequently known as the Button type.

These are the latest flowering Chrysanthemums of all to bloom and many times their flowering heads are seen above the first snows. This type will be found in practically all the old-fashioned gardens. The best known of the many types of Chrysanthemums.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100.

BECKY McLANE

Small bronze late flowering Pompon, in full flower for Thanksgiving or can be held later if desired.

BRIGHT EYES

As name implies each flower has a bright eye. The outer petals are orange-apricot. Excellent for pot plants; flowering about October 25th.

CLARA JAMESON

Lovely combination of bronze and scarlet. One of the showiest varieties in our garden this past fall; keeps blooming profusely, even after heavy frost.

CHRISTMAS GOLD

This variety is a small golden-yellow and does not flower until December, making a very valuable late flowering sort.

DELPHINE DODGE

Rose-pink variety, changing to a creamy white, shaded lavender as flower ages.

DONALD

Light pink, very fine grower, large and sturdy, flowering outdoors in a sheltered situation up to Thanksgiving.

GILDA

Bright orange, flowering October 25th; very free flowering, with dwarf, rigid growth.

GOLDEN CLIMAX

Orange-yellow. In our opinion the finest of the many yellows now in cultivation, possessing every necessary qualification. Truly named, as it does not seem possible to improve on this variety.

GOLD COIN

A large flowering Pompon of brilliant yellow, flowering for Thanksgiving. A very free flowering variety.

HILDA CANNING

Reddish bronze, button Pompon. Very fine sort.

NEW YORK

Bronze seedling from Hilda Canning. Flowers November 1st. One of the best in bronze.

HARDY POMPON CHRYSANTHEMUMS—Continued

LILLIAN DOTY

It is much the finest pink in the large-flowered section of the entire Pompon family. The plant is a tremendous grower, producing beautiful sprays of clear, light pink flowers.

MARY PICKFORD

One of perfect form, petals reflex at maturity nearly to stem, forming a ball of pure white.

MRS. FRANK WILCOX (Mrs. Frank Beau)

Color, reddish-orange, splendid variety for Thanksgiving use.

NOVEMBER GOLD

Very large flowering, bright golden yellow, flowering the early part of November.

NUGGETS

A lovely clear shiny yellow, ideal either when grown as a pot plant or for cutting in graceful sprays. November 1st to 15th.

PAULINE WILCOX

Bronze with red and gold shadings running out to a lighter color at the tips of the petals. Stem very stiff and the flowers are well divided on the cluster.

PETITE

Dwarf yellow of Baby Pompon type, ready to cut November 1st and well worth growing along in the list of newer Pompons.

RED WILCOX

A bright red sport of the popular late flowering "Mrs. Frank Beau."



DELPHINE DODGE (See page 35)



PETITE

ROWENNA

Light bronze Pompon, splendid for Thanksgiving.

SNOWBANK

As its name implies, a snow white Pompon which when grown en masse without being disbudded looks like a veritable bank of snow.

SNOWBIRD

Beautiful white Pompon with creamy yellow edge. Foliage frost resistant.

UVALDA

Pure glistening white Pompon, in full flower October 5th. A fine early flowering sort.

VARSITY

Yellow Button Pompon, flowering in early November.

WESTERN BEAUTY

A deep rose-pink, rather late for the shows, but one of the best Pompons ever introduced.

WHITE DOTY

A sport of the popular variety, Lillian Doty, and a duplicate of the parent in every way, except color, which is pure milk white.

YELLOW DOTY

One of the finest yellows in the large flowering section of the Pompon. A wonderful grower with flowering stems 4 feet long and a magnificent bright yellow in color.

ZENOBLIA

Pure yellow. Comes into flower first of all and popular on this account.

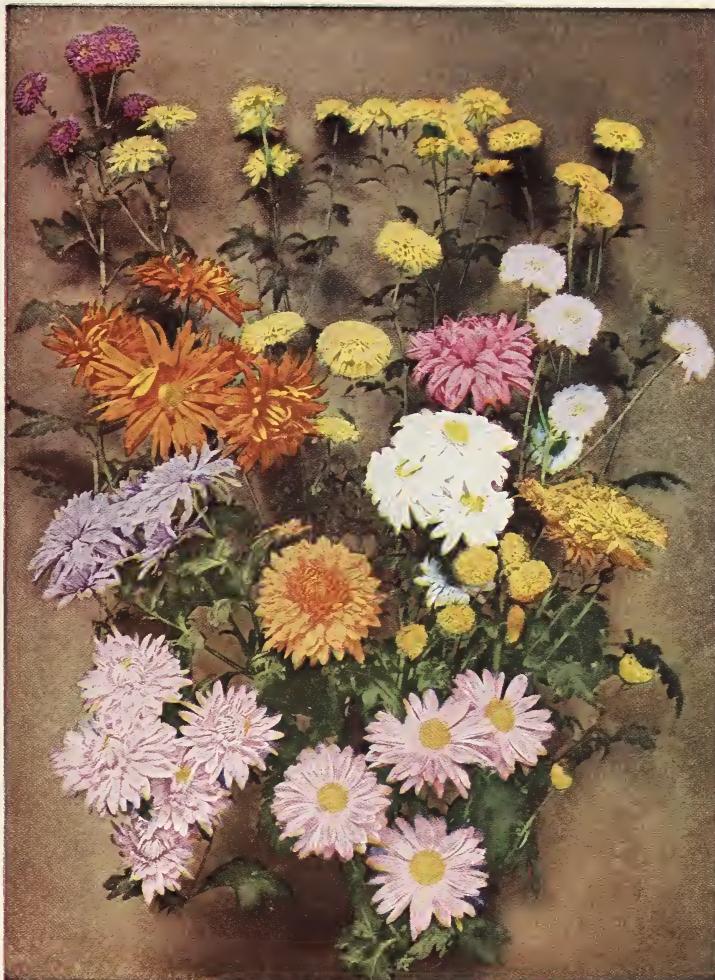
Price; 50c. per plant, \$3.00 per doz., \$20.00 per 100

Types of Hardy Chrysanthemums

SINGLES—EARLY FLOWERING—POMPONS

For
A
Delightful
Fall
Garden

This
Offer
Is
Unsur-
passed



The collection is specially prepared for the benefit of those customers who have never grown Hardy Chrysanthemums, and therefore are not familiar enough with the different types to know definitely what to order. This assortment comprises an equal number of each type; all entirely satisfactory, and in all shades of color, and we will send our own selection of

100 Assorted Plants, \$15.00.

If a customer desires some particular color—or a greater quantity of some one color, and will state this when ordering, we will endeavor to meet their wishes, insofar as it is possible for us to do so.

Novelty Rose Introductions for 1929

FOR GREENHOUSE FORCING



JOANNA HILL

The wonderful new yellow Rose pronounced by wholesalers and retailers, as well, to be the best yellow Rose yet introduced.

"Joanna Hill" is a seedling of Amelia Gude and Mme. Butterfly. The blooms are clear yellow, deepening at the center and hold their color under artificial light. It produces strong stems without pinching and can be grown at low cost and sold at a more reasonable price than Souv. de Claudius Pernet.

GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$1.00	\$10.00	\$60.00
3 -inch.....	1.20	12.00	70.00
4 -inch.....	1.30	14.00	80.00



LADY MARGARET STEWART

Here we have the most glorious combination of colors in orange-pink, overlaid with bronze. This Rose was awarded the Gold Medal at the National Rose Society in England in 1926, and also received the Gold Medal at Bagatelle in June, 1928, as being the finest Rose on exhibition. Everyone who sees it growing in our establishment is in love with it.

The buds are long and pointed, and when the full double flower opens, the color is the most unique of any Rose ever introduced. In the bud state, it is a glowing scarlet, which as the flower develops, changes to a deep sunflower yellow, heavily veined and splashed orange-scarlet. The fragrance is most pronounced in this particular Rose, and its lovely orange fragrance is its most charming feature. Stock is limited. We suggest ordering early.

GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$1.00	\$10.00	\$60.00
3 -inch.....	1.20	12.00	70.00
4 -inch.....	1.30	14.00	80.00

NOVELTY ROSE INTRODUCTIONS FOR 1929, FOR GREENHOUSE FORCING—Continued



E. G. HILL

An immense Rose, said to be the largest red forcing variety of true Hybrid Tea character yet produced. It is a cross between two selected red seedlings.

The flower is dazzling scarlet, shading to a deeper pure red as it develops, but never showing purple. It produces long stems naturally and the foliage develops freely and is of fine color. A great producer and an unusually good keeper, as was shown when it was up for exhibition. The bud is unsurpassed in beauty—except by the open flower, which is a wonder.

TALISMAN

A seedling of Ophelia and Souv. de Claudius Pernet, originated by The Montgomery Company. "Like a choice, rare cameo, this new seedling Rose stands out in rich and distinctive relief against any background." Talisman is already so well known that it needs no further comment.

GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$1.00	\$10.00	\$60.00
3 -inch.....	1.20	12.00	70.00
4 -inch.....	1.30	14.00	80.00



 ROSE HILL

Newer Rose Introductions ROSE HILL

The finest sport of Columbia yet produced. In proof, it has more petals than Briarcliff. The bud is firmer in texture, consequently it is a fine shipper. Self pink of charming brilliance, which does not fade on the reverse of the petal; almost thornless. It will delight the commercial grower, and will also prove a jewel in the hands of the average florist and the amateur.

GAIETY

This is a "Fancy Rose," with a trace of Pernetiana blood, which gives it very ornamental foliage, large, smooth and shining, of a beautiful shade of medium green.

The opening bud shows brilliant red as the sepals spread; the petals are ruffled, and each row has a different tone, from old rose to cream and white in the center; a fine quick grower, with long stiff stems.

GRAFTED STOCK ONLY

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.60	\$6.50	\$50.00
3 -inch.....	.75	7.50	60.00
4 -inch.....	1.20	12.00	70.00



SOUVENIR DE CLAUDIUS PERNET

SOUVENIR DE CLAUDIUS PERNET

Price: \$1.00 each per plant, \$11.00 per doz., \$90.00 per 100.

The finest forcing yellow Rose to date. We are proud of the wonderful record this Rose has made since we introduced it six years ago. The color is a brilliant clear yellow, which does not fade at any time, and the beautiful holly-like green foliage makes a charming contrast for this beautiful flower.

Specially fine stock budded on Odorata, which has been found to be the best stock on which to grow this variety.



MATCHLESS

STANDARD VARIETIES OF ROSES FOR FORCING

GRAFTED

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.50	\$5.00	\$40.00
3 -inch.....	.60	6.50	50.00
4 -inch.....	.75	7.50	60.00

BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose-pink without any shadings whatever. Long pointed bud and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

FONTANELLE

This beautiful variety is a seedling of Butterfly and Pernet, and the combination has resulted in a very variable colored Rose which to my mind is its most attractive feature. Some of the flowers are quite heavily flushed with pink, others of a deep clear yellow much deeper than Pernet, and others fade out to a lighter more even color.

CECILE BRUNNER

Known under various names, such as Sweetheart, Mignon, etc. Is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

MATCHLESS

The deep, cerise sport of Premier. This is a much superior variety to Premier, as the flowers are larger and the color much finer than the original Premier. It retains its deep pink color during the short days in December and January, and is a splendid midwinter growing Rose. If you grow Premier, by all means try Matchless and you will be delighted with it on account of its superiority to the parent in every way.



BRIARCLIFF (See page 43)



TEMPLAR

DOUBLE WHITE KILLARNEY

There are several strains of Double White, but this stock we secured from a sport of Double Pink Killarney, and it is the finest type we have seen.

MADAME BUTTERFLY

A glorified Ophelia. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

WILHELM KORDES

An imported variety that is making splendid headway in popularity with the cut flower growers. The color is a combination of luminous pink, bronze and yellow shadings that are most attractive. This variety, we predict, will forge its way very rapidly to the front.

RAPTURE

A much improved sport of Mme. Butterfly, as far ahead of Mme. Butterfly as Mme. Butterfly was of Ophelia. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals. As a sport of Butterfly, Rapture shows all its good characteristics with a larger foliage and a much heavier growth.

PREMIER SUPREME

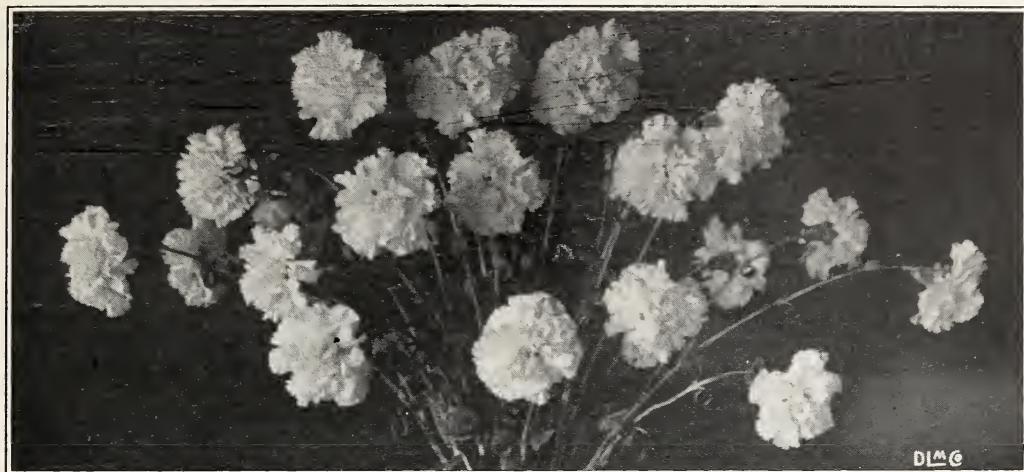
Deep rose pink, sport of Premier, with large high centered flower. Very long in the bud. Dark leathery green, disease resistant foliage.

TEMPLAR

A clear even shade of red, and a color that stays even at all times. Very productive and fragrant and a fine winter growing variety.

GRAFTED

Size	Per plant	Per doz.	Per 100
2½-inch.....	\$0.50	\$5.00	\$40.00
3 -inch.....	.60	6.50	50.00
4 -inch.....	.75	7.50	60.00



MATCHLESS

CARNATIONS—STANDARD VARIETIES

Owing to the unsatisfactory manner in which rooted cuttings of Carnations travel, and the heavy losses sustained on such shipments, we are not accepting orders for rooted cuttings any longer. All of the varieties listed below we can furnish from 2½-inch pots and guarantee them to reach our customer in good condition and give satisfaction.

Prices: 40c. each per plant, \$4.00 per doz., \$25.00 per 100, except where noted.

Pink

ENCHANTRESS SUPREME. A splendid variety that is making good everywhere. Color is a light salmon pink several shades deeper than the original parent, Enchantress, and this variety persists in the bright sunlight without fading.

HILDA. A Laddie pink and a slight variegation adds much to its beauty. It is easy to grow and is a free bloomer. This variety is not susceptible to splitting.

LADDIE. The color is a warm rose-salmon-pink; the flowers average 3½ inches in diameter, when it is at the proper stage for cutting, and develops to 4½ inches in winter.

White

IVORY. The newest pure white Carnation which is rapidly replacing all other white varieties.

MATCHLESS. Well named the Matchless White. Blooms early and continuously, easy to handle, and very free. Flowers extra large and wonderfully fragrant. \$3.00 per doz., \$20.00 per 100.

Scarlet and Crimson

PRINCESS DAGMAR. Largest and finest Carnation ever produced in crimson; a wonderful keeper and one that we can recommend with confidence.

RADIOLITE. A very early, free-flowering, brilliant scarlet that is proving very popular with Carnation growers.

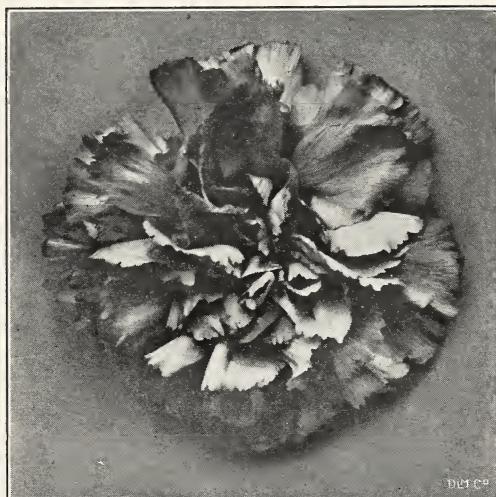
RED LADDIE. Everyone knows the parent of this wonderful variety. If one wishes to grow a splendid Red Carnation, we strongly recommend Red Laddie for quality, size and color.

Yellow

MAINE SUNSHINE. This variety is a clear yellow seedling. Its chief point of superiority is its splendid vigorous habit. Most yellow Carnations introduced heretofore have been lamentably deficient in constitution and Maine Sunshine is very popular on account of its fine growing qualities.

Variegated

RAJAH. Clear yellow, heavily penciled red on the individual petals. A good variegated variety.



LADDIE

TENDER BEDDING and GREENHOUSE PLANTS

AGERATUM FRASERI

One of the most valuable acquisitions to the bedding plant line in recent years. It only grew about 8 or 10 inches high and was covered the entire summer with immense trusses of flowers. The plants spread about 12 to 15 inches across. Being an early bloomer and dwarf, compact grower, it makes an excellent pot plant.

Price: $2\frac{1}{4}$ -in. pots, 50c. per plant, \$2.50 per doz.,
\$15.00 per 100. Larger sizes on application.

AMARYLLIS HYBRIDS

This flower is wonderfully popular, as shown by the exhibitions of the Department of Agriculture, year after year. The show in Washington, D. C., in the early spring, draws thousands of admirers of this splendid plant. We have a nice lot of flowering size bulbs to offer of the choicest selections of all colors from the American and European collections.

Price: \$1.25 each, \$12.00 per doz.,
\$90.00 per 100



AMARYLLIS



Buddleia Asiatica

BUDDLEIA ASIATICA

This Buddleia differs from Variabilis and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the winter season, if the plants are kept growing in a warm house. It produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance.

Price: \$3.00 per doz., \$20.00 per 100

BUDDLEIA FARQUHARI

This new winter-flowering Lilac is the first authentic hybrid in the genus. It is of easy culture, flowers during December and January, and is valuable for conservatory and house decoration and as cut flowers.

Price: $2\frac{1}{2}$ -inch pots 50c. per plant,
\$5.00 per doz., \$35.00 per 100

EUPHORBIA JACQUINIAEFLORA (Fulgens)

One of the finest and most useful plants that can be grown for midwinter flowering. It is always a pleasing sight in the large floral shops around Christmas. The lovely, small orange-scarlet flowers are produced on long, graceful sprays that are adaptable for any decoration. June delivery.

Price: 50c. each, \$5.00 per doz.,
\$35.00 per 100

FERNS (For Fern Dishes)

Assorted Ferns in all the best varieties: CYRTOMIUM falcatum, PTERIS mayi, P. cretica, P. albolineata, P. adiantoides, etc.

Price: $2\frac{1}{4}$ -inch pot plants, \$1.50 per doz.,
\$10.00 per 100

WINTER AGERATUM

(Erlangea tomentosum)

A winter-flowering plant with lavender Ageratum flowers, and wonderfully fragrant foliage. As a winter cut flower it is very popular, flowering from December to April. Delivery June 1st.

Price: 50c. each per plant, \$3.00 per doz.,
\$20.00 per 100

GERBERA

(Jamesoni Hybrids)

Frequently known under the name of the Transvaal Daisy. These Hybrids give a variety of color, but the predominating color is a brilliant scarlet. Produces beautiful Daisy-like flowers about 4 inches across on stems about 15 to 18 inches long. It can be grown outdoors during the summer and early in the autumn lifted and potted and placed in a warm greenhouse, where it will bloom throughout the winter months.

Price: 75c. per plant, \$7.50 per doz.,
\$50.00 per 100

STANDARD TREE HELIOTROPE

We have a limited number of Standard Heliotrope plants about 4½ feet to 5 feet high with immense trusses of bloom 8 to 10 inches across, which we offer this season. These are very charming subjects for a Rose or hardy garden, and they will bloom practically the entire summer, in addition to being exceptionally fragrant at all times. We do not recommend these standard Heliotrope being planted out in the garden before June. If taken in the conservatory before frost they will continue to bloom during the winter.

Price: \$5.00 per plant, \$50.00 per doz.



GERBERA JAMESONI HYBRIDS



TREE HELIOTROPE

TENDER BEDDING AND GREENHOUSE PLANTS—Continued

HELIOTROPE CENTEFLEUR

Deep blue in color with conspicuous white eye. Our first introduction in the Heliotrope line and a very strong, vigorous grower. It is the most robust of all the varieties and will sometimes grow 2 feet in height in favorable locations.

HELIOTROPE ELIZABETH DENNISON

A clear Windsor blue in color with large individual trusses of flower growing about 15 inches high. Is also wonderfully fragrant. Won the Medal of Honor at the Panama Pacific Horticultural Exposition in 1915.

HELIOTROPE ROYAL FRAGRANCE

A deep, rich violet-blue Heliotrope, very dwarf in growth, about 10 inches high. The individual trusses of this variety measure from 15 to 18 inches across and the plants are very bushy in habit. Royal Fragrance is marvelously fragrant, as the name implies. Grown in a solid bed, it will bloom continuously from early June until frost. As a border plant it is unsurpassed, and the many letters of commendation we have received on this particular variety indicate that the demand this year will exceed the supply. We suggest early ordering.

PRICE OF ABOVE VARIETIES

	Each	Doz.	100
2½-inch pots	30c.	\$3.00	\$20.00
3 -inch pots	40c.	4.00	30.00
4-inch pots	50c.	6.00	40.00

LEMON VERBENA (*Aloysia citriodora*)

A well-known garden plant, appreciated for the sweet lemon-scented foliage, which is extensively used to impart a sweet scent to bunches of flowers lacking in a scent of their own. It is also used in flavoring jellies.

Price: 2½-inch pots, \$1.50 per doz.,
\$10.00 per 100

MOSCHOSMA RIPARIUM

A tender sub-shrub, flowering in wonderful profusion in the greenhouses in January and February. The individual flowers are white, very delicately shaded pink. It is particularly valuable as a spray used with other flowers in the wintertime in place of Gypsophila, and the individual flowers are about the same size but more closely placed on the spray.

Price: 50c. each, \$5.00 per doz.,
\$35.00 per 100

PYCNOSTACHYS (Dawei)

(The Blue Beebalm Flower)

A unique and beautiful blue winter-flowering plant, blooming at a time when blue flowers are very scarce. The plant is an easy propagator, flowering from December to March. It lasts a considerable time in water or on the plant and is almost the only plant we have of its shade blooming during the winter months under glass. Delivery June 1st.

Price: 50c. each per plant, \$3.00 per doz.,
\$20.00 per 100



HELIOTROPE

TENDER BEDDING AND GREENHOUSE PLANTS—Continued



MIGNON DAHLIAS

MIGNON DAHLIAS

These are unsurpassed for bedding plants where quantities of flowers are required during the summer months. These single flowered Dahlias attain a height of about 18 inches and begin to flower early in June and continue to do so until frost. We are unable to supply separate colors, but can supply them in an assortment containing white, yellow, pink, bronze and red. These should be set out about 18 inches apart early in June either in the border or in solid beds, just as preferred. Where one desires a great deal of color throughout the summer months, we strongly suggest Mignon Dahlias be grown. Green plants only.

Price: \$3.00 per doz., \$20.00 per 100.

CLUB LECTURES

For all Clubs interested in gardening, we are prepared to furnish a speaker on the subjects listed below:

**Spring in the Perennial Gardens
Delphiniums**

**Hardy Garden Roses
Chrysanthemums**

Fall Planting and Winter Covering

Whenever blooming season permits we will furnish samples of the flower under discussion and give practical demonstrations with plants. The speaker will be glad to answer individual questions at the close of the talk.

Arrangement for lectures must be made with the Madison, N. J., office one month in advance of the date of same.

GLADIOLUS

CULTURAL DIRECTIONS

Soil should be well prepared in the early spring, with a good coating of agricultural lime and bonemeal thoroughly worked into the soil, but fresh stable manure should be used only where the ground can be manured the previous fall and well worked over in the spring before planting.

Planting for cut flowers should be made in rows 18 inches apart, with bulbs 3 inches apart in the row, covering from 4 to 6 inches, according to the size of the bulbs; press the earth firmly around each bulb. Care should be taken to plant the bulbs right side up, and deep enough so that the new bulb, which forms on top, will not be pushed too near the surface. For succession of bloom, plant from the time the ground can be worked until July 1st.

In cutting the flower spikes, it is ruinous to cut the stalk where the flowers end. There must be some foliage to lend grace. Cut the spikes so as to leave two or three leaves on your bulb root, thus giving you a flower spike sometimes nearly 4 feet long, leaving plenty of strength for the bulb and beauty for the decoration.

In shipping cut blooms of the Gladiolus, it is absolutely essential that they be shipped dry, after standing for a while in water.

Varieties marked with asterisk (*) are particularly fine for forcing.

NEW AND NOVEL INTRODUCTIONS

It is our good fortune to be able to offer to our customers this season the following list of the highest class new introductions from one of the foremost producers of the country. All of the ten varieties listed below have been on the market a very short time, but are being proclaimed by those you know as the best in their various class colors. These varieties are all distinct and a great improvement over those offered on the following pages.

ARABY. The open flowers are flushed rosalane pink with a very distinct, strong throat of tyrian rose. The buds are clear Chatenay pink. A vase of these flowers with buds one color and open flowers another color forms an unusual and striking floral arrangement. The flowers are large, well placed and frilled. Strong grower and several open at once. 50c. each, \$5.00 per doz., \$30.00 per 100.

ARISTOCRAT. This is a true aristocrat among the hundreds of new ones. Large, strong, massive spikes of most delicate coloring. A pale saffron pink flaked deep orange with cream throat and a very distinct violet feather. Slightly ruffled and extra large. Several flowers open at a time. 75c. each, \$7.50 per doz., \$45.00 per 100.

BETTY JOY. Won honorable mention at Rochester A. G. S. Show as a commercial cut flower variety. Soft creamy white flushed La France pink. Strong grower, long flower spikes with six to ten perfect flowers opening at a time. Rated 97 per cent as a commercial flower. 50c. each, \$5.00 per doz., \$30.00 per 100.

***BREAK O'DAY.** This is really one of the very finest Gladiolus we have ever seen. Massive spikes with several flowers opening at a time. Blooming extra early, its soft La France pink flowers will always be marketable at high prices. The pink is flushed over a cream ground and the shade is deeper at tips or petals. There is a zone of martius yellow on lower petals with delicate central lines of Brazil red. The most striking extra early variety ever produced. 25c. each, \$2.50 per doz., \$15.00 per 100.

CANANDAIGUA RED. Winner of first prize for the best new seedling at St. Thomas, Ont. A solid self color of red shade slightly lighter than true carmine. Among the thousands exhibited at St. Thomas, Ontario, there were none of this same shade. A stunning acquisition to the red class. 50c. each, \$5.00 per doz., \$30.00 per 100.

CLEOPATRA (Ruffled). Very deep yellow. Large, massive spikes. Heavy substance. Created a sensation at the Rochester Exposition. Rated 98 per cent as an exhibition variety. Late flowering. \$1.00 each, \$10.00 per doz., \$75.00 per 100.

GENEVA GEM. Large massive flowers. Coral-red with veined surface. In good soil, grows from 4 to 5 ft. high with strong, straight stems. Six or more flowers open at once. Flowers face forward in true exhibition style. In sheltered location this variety will always stand erect in spite of its extreme height and large flower head. \$1.00 each, \$10.00 per doz., \$60.00 per 100.

***GLADDIE BOY.** This variety was one of the outstanding new productions at the New England Gladiolus Society Exhibition at Boston in 1924. The Massachusetts Horticultural Society voted a Special Award of Merit. At the American Gladiolus Exhibit in New York City, Gladdie Boy was again in evidence, winning the class of the "Most Beautiful Basket of Glads," as well as the class for the "Most Artistic Table Decoration." Flowers are well expanded with only a slight hooded effect. Mature bulbs throw spikes with 18 to 20 buds, and opening 6 to 8 perfect flowers at a time. The color is very distinctive, the general effect being a grenadine pink gradually blending with straw yellow deep in the center. The petals are most gracefully frilled. 50c. each, \$5.00 per doz., \$30.00 per 100.

HARVEST MOON. Marguerite yellow shaded deeper at the center, which carries a faint line of Chinese violet. Strong, vigorous growth with 16 or more buds. Flowers placed in a double row, facing properly and of good size. Excellent substance, good keeper, opening 8 or more flowers at once. 50c. each, \$5.00 per doz., \$30.00 per 100.

WHITE PREMIER. The finest of the new white varieties we are offering. Pure white without markings or flakings. Strong constitution, massive heavy flower heads. We have not seen a pure white to equal this one. \$1.00 each, \$10.00 per doz., \$60.00 per 100.

GLADIOLUS—Continued

GENERAL LIST OF LARGE FLOWERING TYPES

Varieties marked with asterisk (*) are particularly fine for forcing.

***AMERICA.** Too much cannot be said of this beautiful dainty pink. The flowers are of immense size and of wax-like texture, borne on a very strong spike. 60c. per doz., \$4.00 per 100.

ANNA EBERIUS. Beautiful dark velvet rhodamine-purple, throat dark amaranth-purple, faintly ruffled. This is one of the best of its color and is very popular. A strong grower, but one for which the demand is greater than the supply. \$1.00 per doz., \$7.00 per 100.

BARON JOSEF HULOT. One of the finest blue Gladiolus. A deep violet blue with well-opened flowers. \$1.00 per doz., \$7.00 per 100.

BEATRICE. Something entirely new! Appearance and texture of soft crepe paper. Tall, graceful stalks with well opened, slightly hooded and frilled blossoms. Beatrice is eosine pink laid over cream ground. This color is veined over the cream in such a way that the surface has a crinkled effect. \$1.50 per doz., \$10.00 per 100.

CHAMELEON. The little chameleon is noted for its changing color. This variety resembles the chameleon in that the color changes at each slight turn in the sunlight. Reminds one also of a delicate, changeable silk with soft melting shades of lilac, purple, violet and orange which blend together perfectly. Slightly ruffled petals, good substance and excellent grower. \$2.00 per doz., \$12.00 per 100.

CRIMSON GLOW. By far the most beautiful red Gladiolus yet on the market. A perfect scarlet of a deep tone. Very large, open flowers of finest form and exceedingly well placed on spike. \$1.00 per doz., \$7.00 per 100.

DARDANELLA. This is entirely different from anything else in our list. Flowers are Congo pink, flaked deep hellebore red at the tips. Strong feather of jasper red on straw yellow throat. Tall and straight with 8 to 10 open flowers in double row. Best of the ashen varieties. \$4.00 per doz., \$25.00 per 100.

E. J. SHAYLOR. Tall, very strong plant, large blooms. Beautiful, clear deep rose pink. \$1.00 per doz., \$7.00 per 100.

EVELYN KIRTLAND. Charming rose-pink blooms, very long stalk. Extremely popular. 75c. per doz., \$5.00 per 100.

FASTIDIOUS. Very large, open flowers of delicate shell pink shaded to ivory white at the throat. Very airy and graceful. One of the finest new Glads. Attracted much attention at the A. G. S. exhibits in Rochester and N. Y. City. A late bloomer. \$2.00 per doz., \$12.00 per 100.

GOLDEN MEASURE. A famous exhibition yellow. Very tall and strong with large flowers and of great lasting quality and heavy texture. \$1.50 per doz., \$10.00 per 100.

HALCYON. A very strong grower, always straight and throwing flower spikes with 18 to 24 buds. Unusual in the length of the flower head and it opens 6 to 8 large flowers at a time. Regular arrangement of flowers on the stem, spacing perfect. A beautiful soft rose-pink, shading deeper toward the petal tips. Ideal exhibition and florist type. \$2.50 per doz., \$15.00 per 100.

***HALLEY.** A most attractive early blooming sort, with large, well opened flowers of delicate salmon-pink. 60c. per doz., \$4.00 per 100.

HERADA. A novelty of true merit. An intense Phlox color, shaded pure purple. A tall grower with large flowers, many open at one time. 75c. per doz., \$5.00 per 100.

LANCELOT AND ELAINE. In Tennyson's "Idylls of the King" two characters are portrayed. Lancelot, the lordly knight, and Elaine, the lily maid of Astalot.

Lancelot, a tall, robust livid pink, stands forth to dispute all claims to garden chivalry, wonderfully strong and beautiful. Elaine, the fair and lovable, a beautiful lily white with faint lilac at the throat. Both produce wonderfully full spikes of blooms and make a superb combination. Elaine was awarded First Class Certificate by the American Gladiolus Society. **Lancelot**, \$2.50 per doz., \$15.00 per 100. **Elaine**, \$1.75 per doz., \$12.00 per 100.

LE MARECHAL FOCH. Very large, salmon-pink, stem tall, stout, straight. 60c. per doz., \$4.00 per 100.

***LUCETTE** (Bill's Origination). As seen growing in the fields it appears to be absolutely pure white but backs of petals carry a trace of Phlox pink which imparts an alluring orchid sheen to the flowers. Lower petals have a dainty subdued feather of wonderfully soft Phlox pink. As a commercial white, it is ideal in color and form. Also well adapted for mass planting in landscape work. Extra good as a forcing white. 75c. per doz., \$5.00 per 100.

MARY PICKFORD. White, lower petal suffused primrose in throat. This variety is very unique in having a stem and the calyx of the flowers almost white. Very distinct and beautiful. 75c. per doz., \$5.00 per 100.



LARGE FLOWERING TYPES OF GLADIOLUS—Continued

***MILADY.** Extra tall, strong ruffled variety of creamy white. Naples yellow throat with heavy amaranth purple feather. Very strong, prolific grower and usually branched. 75c. per doz., \$5.00 per 100.

***MRS. DR. NORTON.** A pure, soft white with tips of petals suffused La France pink. Quite the most beautiful variety of this type on the market. Highest awards in its class wherever shown. \$1.00 per doz., \$7.00 per 100.

***MRS. FRANCIS KING.** A most beautiful "Besnard shade" flame pink. Immense flowers on a spike growing 4 ft. high, with from 18 to 20 flowers, 6 to 8 open at one time. A magnificent variety. 60c. per doz., \$4.00 per 100.

***MRS. FRANK PENDLETON.** A spectacular variety, producing large, well expanded flowers, light pink, heavily blotted with blood red in throat. 60c. per doz., \$4.00 per 100.

MURIEL. Pure deep lilac with petunia violet blotch on lower petals. Good size flowers and straight stems. \$1.50 per doz., \$10.00 per 100.

***1910 ROSE.** Pure rose shade with white central lines on lower petals. An extra fine variety for florists. Very popular in Chicago and other Western markets. 60c. per doz., \$4.00 per 100.

NORWALK. Large open flowers, well placed on a strong, straight stem. Deep scarlet with large yellow throat. Petals are pointed, slightly waved and a faint tinge of blue on the borders. Extremely vigorous with many large flowers open at a time. \$2.50 per doz., \$15.00 per 100.

***OPALESCENT.** Wonderful spikes of very large pale rose lavender. A pure self color with soft lilac throat lines. A vigorous grower with excellent foliage and strong, straight bloom stalks. As sparkling and pure as the water of the Adirondack Mountain stream for which it was named. One of the best in our list for cutting and shipping. Gives excellent results as a variety for greenhouse forcing. Opalescent received Special Award of Merit by the American Gladiolus Society in 1924. \$1.25 per doz., \$7.50 per 100.

PARADER. Very soft begonia rose, flaked scarlet red. Heavy scarlet throat blotch bordered with zone of Pinard yellow. Strong, straight spikes with several flowers open at a time. \$1.00 per doz., \$6.00 per 100.



CRIMSON
GLOW
(See page 51)

PATRICIA. La France pink shaded to hermosa pink at tips. Strong Tyrian rose feather on creamy throat. Tall, with 18 buds and 6 open at once. Fine for florist. \$2.00 per doz., \$12.00 per 100.

PICCADILLY. Pure creamy yellow with amber throat. Wonderful strong spikes with many large flowers open at a time. This is one of the finest we have to offer. Rated 98 per cent as a commercial variety. \$2.50 per doz., \$15.00 per 100.

***PIPPIN.** Soft plush eosine pink flowers of large size on tall, straight stems. Neat feather and stippling of eugenia red on cream throat. Strong grower and a wonderful flower. \$1.50 per doz., \$9.00 per 100.

PRIDE OF LANCASTER. Ruffled. Brilliant orange salmon with deeper orange throat. \$1.00 per doz., \$7.00 per 100.

***PRIORITY.** Tall, straight and strong. Large open flowers. Color is venetian pink, shaded darker toward the tips. Faint central lines and feather of deep rose pink. Wonderful large, airy delicate variety of almost self color. Rated 98 per cent as a commercial flower. Has given excellent results for greenhouse forcing. \$1.50 per doz., \$9.00 per 100.

***PRINCE OF WALES.** A clear grenadine pink or deep buff, with throat markings of a deeper tone. The tips of petals shaded darker or apricot buff. A novelty of great value; 8 or 10 blooms open at one time on a long, graceful spike. \$1.50 per doz., \$9.00 per 100.

QUAKER MAID. Soft lavender pink with delicate feathery throat markings. Tall and strong with many flowers open at a time. Fine for florist cut flower trade. Late flowering. \$1.75 per doz., \$11.00 per 100.

ROSE ASH. Medium old rose, lower petals canary - yellow sprinkled and spotted old rose, fluted petals. \$2.00 per doz., \$14.00 per 100.

ROBIN HOOD. Immense massive blooms of La France pink tipped and flaked with scarlet. Strong feather of amaranth purple in the throat. Extra strong and vigorous grower. Early bloomer. \$1.50 per doz., \$9.00 per 100.

"ROTARY" PINK. Bright eosine pink, throat feathered Rose-doree. Opens 4 to 6 large, well-expanded blooms at a time. One of the very best for cutting. Will keep a long time. \$5.00 per doz., \$25.00 per 100.

LARGE FLOWERING TYPES

RUBELLA. A deep velvet amaranth purple. Wonderful rich shade. Nice, straight spikes with well placed florets. Petals are reflexed giving added beauty to the flower. \$1.00 per doz., \$6.00 per 100.

***SCARLET PRINCEPS.** Scarlet-red, fading to Rose-doree in throat. Many large, round blooms open at one time. A prize winner. \$1.00 per doz., \$6.00 per 100.

SONATA. A robust white slightly flushed very light Phlox pink, strong throat lines of Aster purple. Usually 6 to 8 well opened flowers of good substance. Long flower head and excellent for florist trade. \$1.00 per doz., \$6.00 per 100.

TAJ MAHAL. One of the most beautiful buildings in India was erected as a memorial to the Princess Taj Mahal. It is constructed entirely of white marble inlaid with mother-of-pearl. A missionary returned from India suggested that we name this new production Taj Mahal (Pearl of the World), as its white with the flush of mother-of-pearl was suggestive of the memorial to the Princess. \$2.50 per doz., \$15.00 per 100.

***THEDA.** Earlier than Hailley. Great for forcing. Large, open flowers, well placed on tall stems. Most delicate shrimp pink gradually blending to soft pinard yellow in the throat with Pansy violet lines on the lower petals. Retail florists use it for fancy trade. Garden enthusiasts rave over it. \$1.00 per doz., \$5.50 per 100.

TOMMY ATKINS. The cut flowers go the quickest of any red we have. It is bright scarlet, with deep carmine throat lines. Tall stems, 14 to 20 buds, several large flowers open at once. Extra fine. \$5.00 per doz., \$30.00 per 100.

***TROJANA.** Large, open flowers of soft Geranium pink daintily flaked with Begonia rose. Bright scarlet line on pale yellow throat. Strong, vigorous grower and excellent cut flower variety. \$1.00 per doz., \$6.00 per 100.

WARRIOR. Deep velvet maroon with yellow medial dashes. Robust and strong, with large, well expanded blooms. Planted in May, it does not bloom until late September. Unequalled for an extra late dark red. Should be planted very early. \$2.00 per doz., \$12.00 per 100.

OF GLADIOLUS—Continued

AMATEUR MIXTURE

Includes all the best varieties selected from the collections of the best hybridizers and growers of both American and European countries. All varieties have been selected with a view of eliminating all colors which do not harmonize either in cut flowers or garden planting, giving a most interesting and satisfactory mixture to grow. \$3.50 per 100, \$30.00 per 1000.

Named Varieties of Primulinus Hybrids

Primulinus Hybrids, about which so much is written, is truly the coming Gladiolus. Exquisite shades of all colors from terra cotta, through bronze, copper, rose, pink, saffron, apricot, buff, a few lavenders, and down the color scale to white. Their beauty is hard to describe, but to see them is to want them, not by the bulb, but by the hundred. Smaller than the other types of Gladiolus, the daintiness of form, and arrangement on the spikes, add to their decorative value.

***ALICE TIPLADY.** The Queen of the Primulinus type. A soft, coppery bronze. In color, texture, and contour nothing surpasses this variety. 60c. per doz., \$4.00 per 100.

ALLEN V. BUNCE. Livid orange yellow with clear central lines of deep claret. Large, well expanded winged flowers gracefully placed on wiry stalks. Destined to become immensely popular as soon as there is stock available. \$5.00 per doz., \$35.00 per 100.

ALTAIR. Extra tall, finest salmon saffron. An entirely new shade and very beautiful. Early. \$1.00 per doz., \$6.00 per 100.

CAMEO. One of the finest Primulinus hybrids yet produced. The soft, dainty shades seen in an expensive Cameo. Upper petals La France pink over cream ground with deeper shade on back of petals. The lower petals are Martius yellow shaded off to cream white at tips with a delicate but distinct feather of spinel red. 75c. per doz., \$5.00 per 100.

***CHICADEE.** Very dainty and airy. An extra early variety of merit. Eosine pink with light yellow blotches on lower petals. Slightly hooded and winged with side petals reflexed. 75c. per doz., \$5.00 per 100.



TOTTY'S GLADIOLUS, MADISON, NEW JERSEY

NAMED VARIETIES OF PRIMULINUS HYBRIDS—Continued

MING TOY. Deep buff yellow, large flowers of finest form. \$1.50 per doz., \$10.00 per 100.

PRIMUNELLA. Wide open butterfly blooms of softest rose-pink with clear cream throat, no markings. One of the best. \$1.00 per doz., \$6.00 per 100.

SALOME. Orange buff with buff yellow throat. The color is so entrancing that it is simply irresistible. A Primulinus with a very wide hood: \$1.50 per doz., \$10.00 per 100.

SOUVENIR. Deep clear yellow, finest of its shade in this type. \$1.50 per doz., \$10.00 per 100.

VANITY. Delicate La France pink flushed over cream ground. Very large flowers of airy graceful type with slightly reflexed petals. Unsurpassed for large baskets. \$1.00 per doz., \$6.00 per 100.

***PRIMULINUS HYBRID MIXTURE.** Obtained by crossing the species Primulinus with the larger varieties. They have retained all the daintiness and graceful form of their Primulinus parent, even to the "hood" formed by the drooping of the upper petal, and have an added beauty of exquisite coloring, from the softest primrose to a beautiful rose. 60c. per doz., \$3.50 per 100.

*For the convenience of our customers in carrying out
color schemes in their gardens we have grouped
the varieties under separate colors*

PINK SHADES

AMERICA	LE MARECHAL
ARABY	FOCH
BEATRICE	MRS. FRANCIS
BREAK O'DAY	KING
EVELYN KIRTLAND	MRS. DR. NORTON
E. J. SHAYLOR	MRS. FRANK
GLADDIE BOY	PENDLETON
HALLEY	PRINCE OF WALES
LANCELOT	TROJANA

YELLOW SHADES

ALLAN V. BUNCE	MING TOY
CLEOPATRA	SALOME
GOLDEN MEASURE	SOUVENIR
HARVEST MOON	

SCARLET AND CRIMSON

CANANDAIGUA RED	THEDA
CRIMSON GLOW	TOMMIE ATKINS
SCARLET PRINCEPS	WARRIOR

WHITE SHADES

ELAINE	TAJ MAHL
MARY PICKFORD	WHITE PREMIER

VIOLET AND BLUE SHADES

BARON HULOT	OPALESCENT
MURIEL	RUBELLA

FLAME AND ORANGE

ALICE TIPLADY	PRIDE OF
ARISTOCRAT	LANCASTER

ODD SHADES

ANNA EBERIUS	CHAMELEON
CAMEO	DARDANELLA

ROSES FOR OUTDOOR PLANTING

Cultivation of Roses

If these cultural directions are faithfully followed, they will insure success.

The Soil.—Any good garden soil is suitable for Roses, providing it is well drained and rich in fertilizing elements. Cut the plants back well when they are first planted, about 6 inches from the ground, and after the Roses are planted, they should be well firmed in the soil with the foot. This will prevent the roots working up to the top of the soil. Hybrid Tea Roses can be planted 18 inches apart; the Perpetuals 2 feet apart; Climbers, 4 to 6 feet apart, depending on the variety and the object desired. Be sure you do not permit any fresh manure to be used at the roots of the plants, as this will burn the roots.

Mildew and Black Spot.—Sulphur lead dust, applied every two weeks, from May to fall, or Bordeaux mixture—5 ounces powder to 1 gallon of water. (This discolors foliage lightly.)

For Sucking Insects—Aphis, etc., that curl the leaves and spoil the buds.—1 tea-spoon Blackleaf 40, 1 ounce laundry soap, melted, 1 gallon of water.

For Leaf-eating Insects, Worms and Beetles.—1 ounce arsenate of lead, 1½ gallons of water.

Combination Fungicide and Insecticide.—Pyrox, Bordeaux mixture and arsenate of lead, 5 ounces of Pyrox to 1 gallon of water, 1 teaspoonful of Blackleaf 40.

Fertilizers.—The Springfield Rose Food may be applied once a month, one handful to each bush, well raked in. If possible to procure some well-rotted cow manure, put on during August as a mulch, or apply liquid cow manure diluted until it is the color of strong tea, one small dipperful to each bush twice a month until September 1st.

Watering.—Soak the beds once every ten days and spray plants twice a week with as much force as possible with a nozzle on the hose. This helps control insects and keeps the wood soft enough to grow. This should be done early in the morning or sufficiently early in the afternoon so they will not be wet over night.

Cultivation.—Stir the soil frequently, but do not cultivate deeper than 2 to 3 inches as the fine feeding roots must not be disturbed.

Pruning.—The blooms must be cut off so as to induce new, strong shoots. The best shoots that make long-stemmed Roses come from the lowest 6 inches of the bush, so prune severely if long stems are desired. Do not prune after September 1st, as the new growth thereafter will be too soft to live over the winter.

Protection.—Before the ground freezes, the soil should be drawn up to the base of the plant in a mound 7 to 8 inches high. After the ground has frozen cover the entire bed with straw or dry leaves, placing evergreen boughs on the top to prevent the leaves blowing away. Do not uncover too early, as the spring sun and winds cause great damage. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.

Totty's Best \$10.00
Dozen Roses for 10.00

TOTTY'S BEST

The following Roses are selected as being depended on to give good results in practically This is a list we particularly recommend different varieties and still have no opportunity flower. We are making a special price on the will be fine, strong stock, guaranteed by us to listed on following pages.



AMERICA

AMERICA

Blooms continuously from early June until heavy frost on stems $2\frac{1}{2}$ to 3 feet long, and the color is the most glorious glowing rose-pink imaginable. The buds are long and pointed, and open up most artistically as the outer petals fold back, leaving the high pointed center fully exposed.

CONSTANCE

Long, orange-yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'Or.



HOOSIER BEAUTY

KAI SERIN AUGUSTE VIKTORIA

Creamy white, immense substance, petals smooth and nicely arranged. A popular variety.

DUCHESS OF WELLINGTON

Intense, saffron-yellow, stained crimson, long pointed flowers, of wonderful fragrance and very productive.

HOOSIER BEAUTY

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

INDEPENDENCE DAY

A novel, flaming yellow, shaded copper. When fully opened is a bright orange pink, very fine, strong grower, producing quantities of flowers throughout the season.



RADIANCE

DOZEN ROSES

Totty's Best \$10.00
Dozen Roses for

a dozen varieties that can be absolutely de-all sections of this country. for amateurs who wish a good collection of the to make their own selection from plants in following dozen for \$10.00, and all of the plants give satisfaction. Prices on individual plants

LADY ALICE STANLEY

The outside petals are a deep rose-pink, inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. One of the most fragrant Roses in existence.

MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent Ophelia, as grown side by side in our establishment.

MISS LOLITA ARMOUR

Deep coral-red with a golden coppery-red suffusion. Base of petals rich golden yellow with coppery-red sheen. One of the most fragrant of the entire list of garden Roses.

RED RADIANCE

A duplicate of its parent in every respect save color, which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.



MADAME BUTTERFLY

RADIANCE

A splendid and popular Rose, deep pink in color. Will produce 3-foot breaks without pinching, almost mildew-proof, and a wonderfully fine Rose to handle.

SOUVENIR DE CLAUDIUS PERNET

Still the premier yellow Rose for the garden. This variety is a clear shining yellow with very glossy foliage. The growth of the plant is sturdy and clean, and it has made a mark for itself in all sections of the country as being the yellow Rose of the century.



RED RADIANCE



SOUVENIR DE CLAUDIUS PERNET



LADY MARGARET STEWART

NEW AND LITTLE KNOWN VARIETIES

DAME EDITH HELEN

The plant possesses a strong, vigorous constitution, with large, healthy, dark green foliage. The flowers are produced singly on well foliated strong canes and are of immense size, composed of very substantial, broad petals which curl back prettily, forming a wonderful long-pointed bud, which develops into a full, double flower, and is absolutely perfect in every stage of development. The color is a brilliant, yet soft Rose du Barri pink and is delightfully and strongly sweet-scented.

Price: \$2.00 per plant, \$20.00 per doz.

DUCHESS OF ATHOL

Old golden orange, flowering peach pink. A beautiful, strong grower and very profuse blooming variety. Should be extremely popular on account of its unusual color.

Price: \$2.50 per plant, \$25.00 per doz.

LADY MARGARET STEWART

Another marvelous introduction of Alexander Dickson & Sons, awarded the Gold Medal of the National Rose Society of England, at the 1926 Spring Show. A Rose of unique and distinct color, the flowers in the young stage are a deep sunflower yellow heavily veined and splashed with orange-scarlet, with the reverse of the petals deeply suffused with carmine. As the flowers develop, these colors intermingle, forming a most beautiful cadmium orange effect. The bud is long and pointed, opening to a full, double flower, of most pleasing decorative form, of delightfully sweet scent. This Rose is proving very popular and is being grown in increased quantities this season by the customers who purchased plants since its introduction two years ago.

Price: \$2.00 per plant, \$20.00 per doz.

NEW AND LITTLE KNOWN VARIETIES—Continued

MARION CRAN

The introducer says of this variety: "The color combination is the most wonderful yet seen in any Rose. In the young stage, before the flower expands, the color is deep buttercup yellow, margined and flushed cerise and rosy scarlet. As the flower opens, the outside of the petals retain the color, while the inner side opens a brilliant geranium scarlet, flushed and veined orange and yellow. As the flower ages, the color changes to deep cerise flushed buttercup yellow. The whole flower glows with a wonderful sheen, and when fully opened, the color combination is delightful. A very bushy growing Rose. One of the freest and most perpetual bedding Roses. Awarded Certificate of Merit by the National Rose Society of England.

Price: \$3.00 per plant, \$30.00 per doz.



MARION CRAN

MARGARET McGREDY

Now offered for the first time. This is the third season that we have had this wonderful Rose under observation, and we consider it one of McGredy's most brilliantly colored masterpieces. Large, beautifully shaped, full, double flowers, entirely distinct from all others in its rich coloring, which is a brilliant shade of Turkish or Oriental red, passing as the flowers age to a beautiful carmine rose. These are borne on long, stiff stems and hold their form and beauty for a long time.

Price: \$2.00 per plant, \$20.00 per doz.



DAME EDITH HELEN (See page 58)

MRS. ERSKINE P. THOM

The finest yellow garden Rose introduced to date

A strong, healthy grower, equal in strength to the Radiance type of Rose. Beautiful, dark bronzy-green disease resistant foliage. Rich lemon yellow flowers, very sweetly scented and a very free flowering variety.

Price: \$2.50 per plant,
\$25.00 per dozen



MARGARET McGREDY

NEW AND LITTLE KNOWN VARIETIES—Continued

MISS ROWENA THOM

(Howard & Smith)

The description given by the introducer of this Rose is as follows: "It is almost impossible to give a true color description of this Rose. It seems as if all the shades of a desert sunset have been caught in all their splendor and held by this beautiful Rose. The deep center glows with vivid oriental red, shading to rose, as the bud expands and gradually passing to delicate mauve in the full-blown flower." The habit of growth is similar to, though much stronger than that of the variety Radiance, which has for years been held as the peer of garden Roses. The flowers are large and borne on stems 30 inches long, which are practically thornless. It is practically disease-resistant and produces many blooms which last well when cut. This variety was awarded the Silver Medal of the American Rose Society.

**Price: \$2.50 per plant,
\$25.00 per dozen**

ANGELE PERNET

Described by the raiser as a vivid orange-yellow, shaded fiery deep reddish-apricot, it is a beautiful, sweet-scented flower that at once attracts attention.

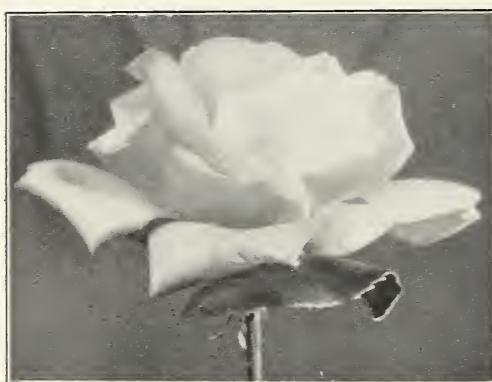
Price: \$1.50 per plant, \$15.00 per dozen



MISS ROWENA THOM

GAIETY

A seedling of the ever-popular Pernet, possessing all of the good qualities of the parent, and none of its defects. The foliage is evergreen, and particularly strong. The flower is huge in size and a beautiful shade of orange-bronze in bud, which becomes lighter as the flower ages.



ANGELE PERNET

GAIETY
MRS. A. R. BARRACLOUGH (See page 61)

NEW AND LITTLE KNOWN VARIETIES—Continued

FRANK READER

It is a large, massive flower with high-pointed center, with nicely reflexing petals of great substance, the long buds in first developing are a light lemon-yellow, while the flowers in their half-expanded form reveal a heart of golden apricot; it has a delicious Rose-apple scent.



REV. F. PAGE ROBERTS

JOHN RUSSELL

A very handsome, rich red Rose; a brilliant deep velvety crimson. Vigorous, strong growth and a very hardy variety. Awarded the Gold Medal of the R. H. S.

LORD CHARLEMONT

Bright scarlet-crimson, very free flowering Rose, a good shape and habit, and one that is destined to be very popular as soon as it is generally known. Has been called the best red Rose for outdoor culture introduced to date.

MRS. HENRY BOWLES

A luminous, deep salmon pink, and a Rose of very striking appearance. Beautifully, long-shaped buds, developing into perfect high-centered full double flowers. A variety that is always in bloom.

Price \$1.50 per plant, \$15.00 per dozen

MRS. A. R. BARRACLOUGH

Pink sounds uninteresting in a Rose, there being so many of this shade, but in this new variety we have a most distinct and valuable addition of a bright but soft sparkling carmine-pink of an even shade, passing to yellow at the base of the petals. The color does not fade as the flower ages, but appears to become brighter. The bud is long and perfect, and develops into a full, double flower of great size and substance; very fragrant.

REV. F. PAGE ROBERTS

A most beautifully shaped, long bud, and a full, double flower of a rich orange-gold, shading to a saffron-yellow; growth vigorous and very free flowering. The most beautiful Rose of its color yet introduced.

ROSE HILL

The finest sport of Columbia yet produced. In proof, it has more petals than Briarcliff. The bud is firmer in texture, consequently it is a fine shipper. Self pink of charming brilliance, which does not fade on the reverse of the petal; almost thornless.



SHOT SILK (See page 62)

**RAPTURE**

A much improved sport of Mme. Butterfly, as far ahead of Mme. Butterfly as Mme. Butterfly was of Ophelia. The growth is even freer than Mme. Butterfly and the foliage particularly handsome. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals.

Price: \$1.00 per plant, \$10.00 per doz.

SHOT SILK

A charming novelty, of superb colorings. Bright cherry pink, overshot salmon-orange, flushed rose with salmon base. Mildew-proof foliage. Free flowering, a fragrant and decorative Rose.

VILLE de PARIS

A rich, buttercup-yellow, much in the style of Mrs. Beckwith, but with longer buds and larger flowers, and purer in color. The plant is of vigorous growth and very free flowering.

WILHELM KORDES

An imported variety that is making splendid headway in popularity. The color is a combination of luminous pink, bronze and yellow shadings that are most attractive. This variety, we predict, will forge its way very rapidly to the front.

Price \$1.50 per plant, \$15.00 per dozen, except where noted.

Hardy Garden Hybrid Tea Roses

Bloom from June to November

Price: \$1.00 each per plant, \$10.00 per doz., \$90.00 per 100.



FONTANELLE

FONTANELLE

This beautiful variety is a seedling of Butterfly and Pernet, and the combination has resulted in a very variable colored Rose which to my mind is its most attractive feature. Some of the flowers are quite heavily flushed with pink, others of a deep clear yellow, much deeper than Pernet, and others fade out to a lighter more even color.

DUCHESS OF WELLINGTON

Intense saffron-yellow, stained crimson, long pointed flowers, of wonderful fragrance and very productive.

ELDORADO (Land of Gold)

An exact reproduction of Miss Lolita Armour in every way except color. This is of a golden yellow, with the petals slightly tinted red.

AMERICA

Blooms continuously from early June until heavy frost, on stems 2½ to 3 feet long, and the color is the most glorious glowing rose-pink imaginable. The buds are long and pointed, and open up most artistically as the outer petals fold back, leaving the high-pointed center fully exposed.

BETTY

Copper-yellow, overspread with golden rose; long, pointed buds.

BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose-pink without any shadings whatever. Long pointed bud, and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

CAROLINE TESTOUT

Salmon-pink, large and very free; one of the very finest Roses ever produced for any purpose.

CONSTANCE

Long, orange-yellow bud; streaked with crimson; large, full flower; a greatly improved Rayon d'Or.



BETTY

HYBRID TEA ROSES—Continued

FRAU KARL DRUSCHKI

Pure snow white, long pointed buds, large, full flowers. Perpetual type.

FLORENCE PEMBERTON

Large, creamy white, flushed peach, very productive in summer and fall. Bright glossy foliage.

GENERAL MAC ARTHUR

Deep velvety scarlet; free and erect branching.

GENERAL JACQUEMINOT

Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.

GRUSS AN TEPLITZ

Brightest scarlet-crimson; splendid Rose for massing.

HOOSIER BEAUTY

A rich, velvety crimson in color with deeper shadings. It is as fragrant as Richmond, has more petals and better keeping qualities.

INDEPENDENCE DAY

A novel, flaming yellow shaded copper. When fully opened, is a bright orange pink, very fine, strong grower, producing quantities of flowers throughout the season.

J. K. L. MOCK

Inside of petals deep cherry-red with outer petals silvery pink; very large flowers borne on long, stiff stems. Has been a favorite of Rose lovers for many years, as it is so hardy and satisfactory in every way.



LOS ANGELES

KAISERIN AUGUSTE VIKTORIA

Creamy white, immense substance, petals smooth and nicely arranged. A popular variety.

KILLARNEY

Pale flesh pink, flushed deeper pink; very free and perpetual.

KILLARNEY BRILLIANT

A duplicate of the original Killarney in all respects, save color, which is far more intense and rich.

LADY HILLINGDON

Very free blooming and beautiful, even, coppery-yellow in color all through the year and particularly fine.

LADY ALICE STANLEY

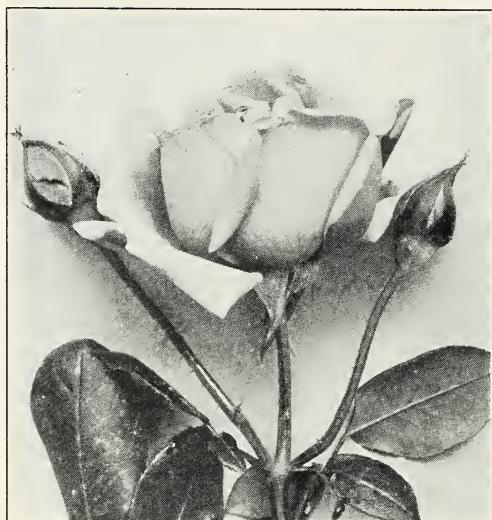
The outside petals are a deep rose-pink; inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness and one of the most fragrant Roses in existence.

LOS ANGELES

Growth, very vigorous, flowers luminous flame-pink toned with coral, with lighter shadings at the base; buds are long and pointed and expanding to a flower of mammoth proportions.

LOUISE CATHERINE BRESLAU

Coral-red, shaded chrome-yellow, opening to a large, full flower of shrimp-pink, shaded coppery-orange.



ELDORADO (Land of Gold) (See page 63)

Price: \$1.00 per plant, \$10.00 per doz., \$90.00 per 100



MATCHLESS

MATCHLESS

The deep, cerise sport of Premier. We predict that this Rose will take the place of Premier, as the flowers are larger and the color much superior to the original Premier.

If you grow Premier, by all means try Matchless and you will be delighted with it on account of its superiority to the parent in every way.

MARY PICKFORD

A novel Rose of merit. In habit of growth, it is strong, vigorous, not unlike Souvenir de Claudius Pernet. Color, an exquisite shade of orange-yellow.

MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent Ophelia, as grown side by side in our establishment.

MISS LOLITA ARMOUR

Deep coral-red with a golden coppery-red suffusion. Base of petals rich golden yellow with coppery-red sheen. Strong growing habit and very free flowering.

MME. JULES BOUCHE

One of the finest Garden Roses in the white section; of splendid form, and a very strong grower. We cannot too highly recommend Mme. Jules Bouche to any grower looking for a good white variety.

Price: \$1.00 per plant, \$10.00 per doz., \$90.00 per 100

MME. EDOUARD HERRIOT

Color of this Rose is a gorgeous combination of reddish terra cotta and bronze, with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew-proof. Artists have raved over this variety for the past six seasons in Europe.

MRS. LOVELL SWISHER

As a garden Rose, will undoubtedly rank with such popular bedding varieties as Radiance, Red Radiance, Lady Ursula, Mrs. William C. Egan, etc. Color, deep salmon copper, merging to salmon pink at the tips of the petals.

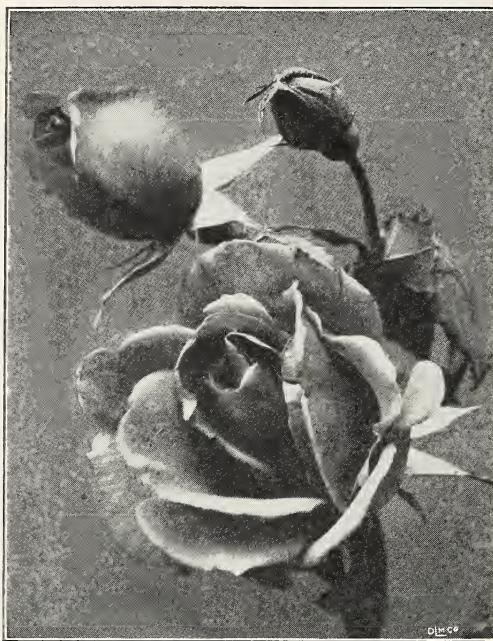
MRS. REDFORD

One of the most distinctive and desirable Roses of recent introduction. Bright apricot-orange—one of the most lovely of this tone of color—an upright grower with holly-like mildew-proof foliage.

PATIENCE

Another Gold Medal variety, entirely distinct; a brilliant, scarlet-carmine-lake; as the flower opens, the color is a deep orange at base, with orange-scarlet shadings. The flowers are large, of perfect form, and last a long time in perfection, delicately sweet scented. The plant is a strong grower of free-branching, upright habit, and a free and perpetual bloomer.

HYBRID TEA ROSES—Continued



PADRE

PADRE

Most attractive and novel in coloring, with long petals of a coppery-scarlet flushed with yellow at the base. Produced on long shoots. Growth strong and upright and exceedingly free flowering.

PINK PEARL

A dainty variety always admired, which seems destined to become a universal favorite if it had nothing to recommend it but its delicious fragrance. In color, it is a brilliant, rich cerise-pink, the base of the petals touched with gold that lights up the flower wonderfully, particularly in the half expanded bloom. The flowers are full double, of perfect form and produced most profusely on plants of vigorous, healthy growth.

QUEEN OF FRAGRANCE

Pale shell-pink tipped silvery pink, very free flowering and one of the most fragrant varieties introduced to date.

RADIANCE

A splendid and popular Rose; deep pink in color. Will produce 3-foot breaks without pinching, almost mildew-proof and a wonderfully fine Rose to handle.

RED RADIANCE

A duplicate of its parent in every respect save color, which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.

ROSE MARIE

Clear brilliant pink. Was originally distributed as a forcing Rose but later proved itself such a wonderful acquisition as a garden Rose, it was and still is, used for this purpose almost entirely at this time.

SOUVENIR DE CLAUDIUS PERNET

Everyone who has grown Claudius Pernet is delighted with it, and the demand is still far ahead of the supply. This variety is a clear shining yellow, with very glossy foliage. The growth of the plant is sturdy and clean, and it has made a mark for itself in all sections of the country as being the yellow Rose of the century.

SOUVENIR DE H. A. VERSCHUREN

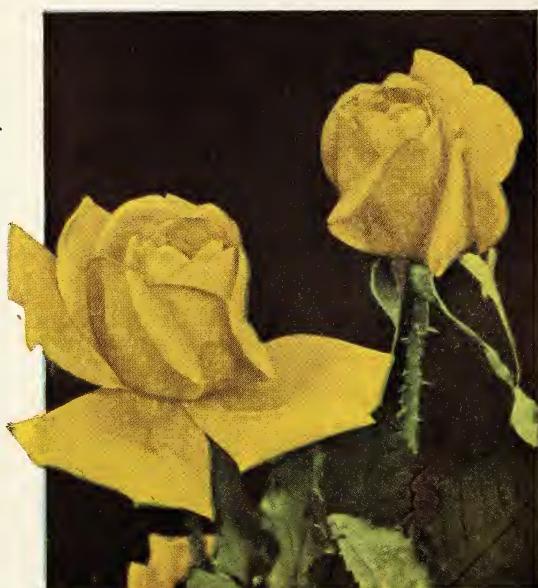
The color resembles Sunburst and Lady Hillingdon, but is much larger and more double in flower; attractive both in bud form and when fully developed. An ideal bedding Rose for the garden.

WILLOWMERE

Free and perpetual; color coral-red, opening to shrimp-pink; resembles the Lyon Rose very much.

WILLIAM F. DREER

A very beautiful Rose of the same parentage as Los Angeles, and which, for delicacy of coloring is not comparable to any other variety. The flowers, which are similar in shape to Los Angeles, are at their best in half expanded flower. These, in expanding, are of a soft silvery shell-pink with a golden suffusion. This Rose is making a good record in all parts of the country and is becoming a popular bedding variety.



SOUVENIR DE CLAUDIUS PERNET

Price \$1.00 per plant, \$10.00 per dozen, \$90.00 per 100

BABY RAMBLER AND DWARF POLYANTHA ROSES

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

Price: \$1.00 per plant, \$10.00 per doz., except where noted

CECILE BRUNNER

(The Sweetheart Rose)

Dainty, double flowers of soft pink, growing in graceful sprays.

CHATILLON ROSE

Color silvery crimson, shading to white in center, produced in great sprays of from fifteen to thirty flowers on a branch, and remain in good condition without shedding a petal for several weeks.

CORRIE KOSTER

A salmony-orange Rambler Rose. One of the most distinctive varieties in many years in this type. The flowers are produced in large clusters and make a beautiful showing in the garden or wherever grown.

LAFAYETTE

A strong growing, very profuse flowering Polyantha; crimson-scarlet in the bud, developing as it expands to a brilliant rosy-cerise. It is borne in clusters of good size, the individual flowers being about the size of Paul's Scarlet Climber.

MRS. CUTBUSH

Clear, deep pink, fine growth and habit.



CECILE BRUNNER

CLIMBING ROSES

Price: \$1.00 per plant, \$10.00 per doz., except where noted.

AMERICAN PILLAR

Single flowered variety of great beauty. Flower 3 or 4 inches across borne in immense clusters. Brilliant shade of pink with clear white eye; wonderfully decorative even when not in flower, as the blooms are followed with brilliant red berries and this Rose retains its foliage much later than most varieties.

CLIMBING AMERICAN BEAUTY

This is one of the best of the Climbing Roses. A strong, vigorous grower with large flowers of pleasing rose-pink, freely produced.

CLIMBING CAROLINE TESTOUT

Soft pink Climbing Hybrid Tea, a very fragrant sort.

CLIMBING LADY ASHTOWN

This is a Hybrid Tea variety and perhaps one of the best in the whole section of Climbing Teas. Its merit is in the wonderful way it produces flowers throughout the whole season, being apparently almost equally good in the fall as in June, when it first comes into bloom.

TOTTY'S ROSES, MADISON, NEW JERSEY

CLIMBING ROSES—Continued

**JACOTTE**

Color, shrimp-pink or light salmon-orange shaded golden yellow at base; flowers fully $2\frac{1}{2}$ inches in diameter delightfully scented; rich, dark green, glossy disease-resisting foliage.

MARY WALLACE

Originated by Dr. Van Fleet. A Pillar Rose growing 6 to 8 feet high, with large, glossy foliage blooming with great freedom in the spring and bearing quantities of flowers in the summer and fall. Large flowering, about 4 inches across, semi-double, bright clear rose-pink, with salmon base in the petals. \$1.50 each per plant.

PAUL'S SCARLET CLIMBER

The flowers are medium in size, being semi-double and carry three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals.

SILVER MOON

Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy-green; stems of flowers very long and fragrance very lasting.

STAR OF PERSIA

A gorgeous brilliant yellow, semi-double Rose with individual flowers about 3 inches across. Wonderful, where one desires a low climber or Rose from 8 to 10 feet high. In wonderful condition throughout the month of June, and lasts for several weeks. \$1.50 per plant, \$15.00 per doz.

CLIMBING LOS ANGELES
A replica of the popular Los Angeles, which is a luminous flame-pink toned with coral, and has light shadings at the base of the buds, making the most magnificent variety, and is very spectacular when growing in its climbing form. \$1.50 per plant, \$15.00 per doz.

DOROTHY PERKINS
Clear, bright pink, trailing growth, profuse bloomer.

DR. W. VAN FLEET
Beautiful flesh-pink, borne on long stems; buds long and pointed, plants very strong, brilliant dark glossy foliage, mildew-proof, splendid for cutting.

EMILY GRAY
The best yellow climbing Rose ever introduced. Color clear golden yellow, all flowers are double, with long buds, and attractive, dark green foliage. Very free flowering, splendid growing habits. \$1.50 per plant, \$15.00 per doz.

EXCELSA
Very distinct variety, particularly vigorous, with healthy, dark, glossy foliage. Color of the flower intense crimson; individual flower very large and double for this type of Rose. Excelsa is grown today in place of the old Crimson Rambler, as it is practically mildew-proof and much deeper in color.

HIAWATHA
Forms splendid long sprays of very large blooms; color of individual flower, brilliant ruby with a clear white eye. One of the best climbers we offer.

**SILVER MOON**

Price \$1.00 per plant, \$10.00 per dozen, except where noted.



DEC'D

Tree Roses

We have the finest collection of Tree Roses it is possible to procure in this country this season. These plants have been specially grown for us by an expert, and since good Tree Roses are very scarce, we would suggest that our customers place their order as early as possible for the quantity and varieties desired.

Price: \$3.00 each per plant, \$30.00 per doz.

BETTY UPRICHARD

Salmon-pink, shaded orange-cerise.

CAROLINE TESTOUT

A soft pink, very free flowering and possibly the most popular Tree Rose grown.

HADLEY

Beautiful long buds of rich velvety crimson and very fragrant.

INDEPENDENCE DAY

A flaming yellow, shading to a copper, and opening to a bright orange-pink.

IMPERIAL POTENTATE

A crisp glistening rose-pink, very sweetly scented.

LADY HILLINGDON

Very free blooming, a coppery colored Rose.

LAURENT CARLE

A deep rosy carmine with very full flowers.

LOS ANGELES

Luminous flame-pink toned with coral, with lighter shading at the base.

MME. BUTTERFLY

A glorified Ophelia of pink, apricot and gold.

MME. EDOUARD HERRIOT

In color a gorgeous combination of reddish terra cotta and bronze, with flame shading.

MRS. CHARLES RUSSELL

A deep rosy carmine, very long bud, and full flower. A magnificent garden Rose.

MRS. HENRY BOWLES

A beautiful, luminous deep salmon-pink. A vigorous growing variety, and a variety that everyone admires. A comparatively new one.

PADRE

Very novel color coppery scarlet, shading yellow at the base.

SOUVENIR DE CLAUDIUS PERNET

A clear shining yellow with very glossy holly-like foliage. Known as "The Yellow Rose of the Century."

SOUVENIR DE GEORGES PERNET

Flowers are exceptionally large, and of globular form. Brilliant orient-red, shading to cochineal-carmine at the end of the petals, and the entire Rose is suffused with a golden sheen.

ULRICH BRUNNER

A cherry red, very fine flower of rich form.



Hardy Perennial Plants

Price: 50c. per plant, \$3.00 per dozen, \$20.00 per 100, except where noted.

Reduce the long wait for the newly planted gardens to come into bloom by starting with our two year old field grown plants. These will assure you abundant bloom the first year they are set out, and most of them may be planted either spring or fall.

We have added several novelties to our list this year and, as always, have carefully selected the best for those discriminating gardeners who rely on us for this service.

We are always glad to assist our customers with suggestions and cultural directions for growing our stock. This insures you satisfaction and success.

Varieties marked with an asterisk (*) are suitable for Rock Gardens

ACONITUM (*Monkshood*)

FISCHERI. A very hardy late blooming Aconitum that comes into bloom in September and lasts well into October. These beautiful spikes of hooded flowers are a lovely shade of delph blue and are a very attractive addition to the hardy border in the fall. May be used in semi-shady locations and grow about 24 inches high. There is no danger attached to growing these plants, as they are poisonous only when eaten.

SPARKS VARIETY. The darkest blue of all, flowering in June and attaining a height of about 2½ feet. Does well in a shady or half-shady location. \$5.00 per doz., \$35.00 per 100.

ALYSSUM (*Rock Madwort*)

***SAXATILE COMPACTUM.** Splendid plant for the rockery or border, growing a foot high; golden yellow flowers with dense, compact heads. 1 foot. April and May.

ANCHUSA (*Alkanet*)

DROPMORE VARIETY. Rich gentian-blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden. June to August.

MYOSOTIDIFLORA. Another valuable perennial added to our list this year is this Dwarf Anchusa. It comes into bloom in May, and continues blooming for about six weeks. The flowers somewhat resemble Forget-me-nots but are the brilliant blue of the tall Anchusa. The leaves are heart-shaped and add interesting foliage effect after the plant stops blooming. It grows about one foot high and is admirably adapted to rock gardens or borders. Thrives in full sun, but will do fairly well in partial shade. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

HARDY PERENNIAL PLANTS—Continued



LONG-SPURRED HYBRID AQUILEGIA. (See description, page 72)

Price: 50c. each, \$5.00 per dozen

HARDY PERENNIAL PLANTS—Continued

ANEMONE (*Japanese Windflower*)

JAPONICA. One of the most beautiful plants in our fall gardens, blooming in September and October. Grows about 18 inches high and is excellent for cut flowers in the house.

QUEEN CHARLOTTE. Semi-double, beautiful light pink.

WHIRLWIND. Semi-double, pure white.

ARABIS (*Rock Cress*)

***ALPINA.** Pure white flowers produced in dense masses, splendid for border work and last quite some time when cut. Forms a dense carpet of white flowers. April and May.

***FLORE PLENO.** Double flowering form of the above; flowering two weeks later. 12 inches. 35c. each, \$3.50 per doz., \$25.00 per 100.

ANTHEMIS (*Hardy Marguerite*)

KELWAYI. Large, golden yellow, Daisy-like flowers produced continuously all summer. This golden yellow flower attains a height of 2½ feet. June to August.

ARTEMISIA

LACTIFLORA. One of the most useful tall plants we have, blooming in August and September. Grows about 4 feet high and makes a splendid foliage background for Phlox and summer Lilies. The milk-white bloom is borne on graceful sprays, producing a lacy effect. A most delightful fragrance fills the garden while this plant is in bloom.

Hardy Asters, Michaelmas Daisy

These lovely fall flowering subjects, which are natives of North America and absolutely hardy in any section of the country, deserve much more extensive cultivation. The following varieties are the cream of the European collections and are well worthy of a place in every garden, since they are so distinct in type and novel in colors. We would suggest that the size of the flowers may be very greatly increased if the clumps are divided each spring, and each plant grown to a single stem. The central growing tip should be pinched out to induce branching. This makes a sturdy plant that requires very little support and keeps the height about three feet.

BARR'S PINK

Lovely light mallow pink with stiff petals and a brilliant golden center, growing from 3 to 4 feet high. Well branched and the flowers are admirably spaced and give the appearance of a gigantic head of pink Phlox. The individual flowers are 2½ inches in diameter, coming into bloom about mid-September, and add a mass of glowing pink to the fall garden. 50c. each, \$5.00 per doz.

BRITISH QUEEN

Soft lavender blue semi-double unusually large open flowers with pale yellow center. A vigorous growing well branched plant that comes into bloom early September. Height about 4 feet. Excellent for cutting and decorative work. 50c. each, \$5.00 per doz.

Price 50c. per plant, \$3.00 per dozen, \$20.00 per

100, except where noted

AQUILEGIA (*Columbine*)

These native flowers of North America are wonderfully useful as cut flowers. Will grow in any location, but give best results in well-drained and sunny position. One of the best known hardy perennials. May and June.

HOWARD'S HYBRIDS

The Rocky Mountains have given us many beautiful flowers, but nothing to touch these marvelous Aquilegias with their lovely pastel shades, as delicate as a fleecy cloud in a summer sky of palest blue. These charming colors run from light blue through all the shades of light pink, creamy white, delicate lavender, to brilliant scarlet. When massed in mixed colors in the perennial border they give an effect of airy daintiness not surpassed by any other flower. Assorted colors. See color illustration page 71.

Price: 50c. each, \$5.00 per dozen.

ASTILBE

See SPIRAEAS.



BARR'S PINK

HARDY PERENNIAL PLANTS—Continued

HARDY ASTERS—Continued

ANITA BALLARD. Soft Cornflower blue. Flowers 2 inches across. Very early and very free flowering. The broad ray florets are recurved with pale silvery undersides. 3 feet high.

JAMES KELWAY. A bright blue, single, keeps its color well and has fine stiff branching habit. A very attractive companion to Mrs. D. Mitchell or St. Egwin. 3½ feet high.

KING OF THE BELGIANS. Large, semi-double, lavender-blue flowers, larger than Climax. 5 feet.

LAVENDER QUEEN. Strong erect branching growth about 3½ feet high. Pure lavender fringed petals, with golden center. Very attractive new seedling.

LOUVAINE. Soft rose pink, large open flowers. Very vigorous growth about 3 feet high, coming into bloom mid-September.

MARNE. One of Mr. E. Beckett's new varieties bearing soft pink flowers with yellow centers, blooming in September. 2½ feet high.

MRS. D. MITCHELL. Pure pink, resembling St. Egwin, but much taller and far superior. Height 4 feet.

PERRY'S WHITE. Large, circular snow white flowers over 2½ inches in diameter, broad, overlapping petals, a golden disc which changes to maroon crimson; very free and of good habit. 3 feet high.

PINK PROGRESSIVE. A very good pink. Bushy. Very floriferous. Quite dwarf.

ROYAL BLUE. This is a large blue, apparently double at first, but when afterwards it opens fully, it forms a distinct cup-shape flower with a golden disk at the bottom. Medium height. Blooms early September. 2½ feet high.

RYECROFT PURPLE. Very bushy purplish flowers with yellow center. 4 feet high.

ST. EGWIN. Lovely shade of light pink, very bushy form, about 3 feet high, blooming mid-September.

BOCCONIA (*Feathery Poppy*)

CORDATA. Flowers insignificant in size, but very numerous, borne in large terminal panicles, but distinct in appearance. 5 to 6 feet. Very hardy habit. Blooms in July.

BOLTONIA (*False Chamomile*)

ASTEROIDES. Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies. 5 to 6 feet.

LATISQUAMA. Beautiful pink flowers Same type as above. 5 feet.

BUDDLEIA

VEITCHIANA. Beautiful violet-mauve; a splendid summer flowering shrub, absolutely hardy under any conditions; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant. 3 to 6 feet.



BUDDLEIA MAGNIFICA VEITCHIANA

CAMPANULAS (*Canterbury-bells* or *Bellflower*)

These lovely flowers have great variety of color and form and the taller varieties are useful for cut flowers as well as in the hardy border.

SINGLE. Blue, white and rose.

MEDIUM. Blue, white and rose.

CALYCANTHEMA (*Cup and Saucer*). Blue, white and rose.

PERSICIFOLIA ALBA. White Peach Bells. 2 feet high. Flowering June and July.

PERSICIFOLIA BLUE. Blue form of the above.

***CARPATICA BLUE.** A dwarf variety well suited to the rock garden, blooming from June to mid-October, a lovely blue flower on a slender stem 9 to 10 inches high.

***CARPATICA ALBA.** White form of the above.

CHELONE (*Shell Flower*)

BARBATA. Hardy border perennial of Pentstemon-like habit, producing long spikes of brilliant, scarlet flowers. Has not been grown very extensively in this country as yet. Height 3 feet. July to September.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

CENTAUREA (*Knapweed*)

MONTANA (The Perennial Cornflower). Producing large, violet-blue flowers from July to September. 2 feet high.

CERASTIUM

***TOMENTOSUM**. Silvery, low-growing foliage plant which is used very largely for planting dry, sunny spots. Carpet growth. May to mid-June.

CHRYSANTHEMUM (*Shasta Daisy*)

ALASKA. A very fine type Shasta Daisy, blooming from July until fall. Large, pure white flowers, dark green foliage and a splendid strong grower, very useful as a cut flower. 2 to 2½ feet high.

ELDER DAISY. One of the finest and earliest Shasta Daisies we have ever seen. Begins to flower early in May, producing a profusion of large glistening Daisy-like white flowers on strong stems. 2 feet high. Is splendid in the border and cannot be excelled as a cut flower in the early season. Very hardy and adaptable to all types of soil but requires full sun for proper development.

KING EDWARD VII. Pure white, large flowering type; blooming in July. 2½ feet.

COREOPSIS (*Tickseed*)

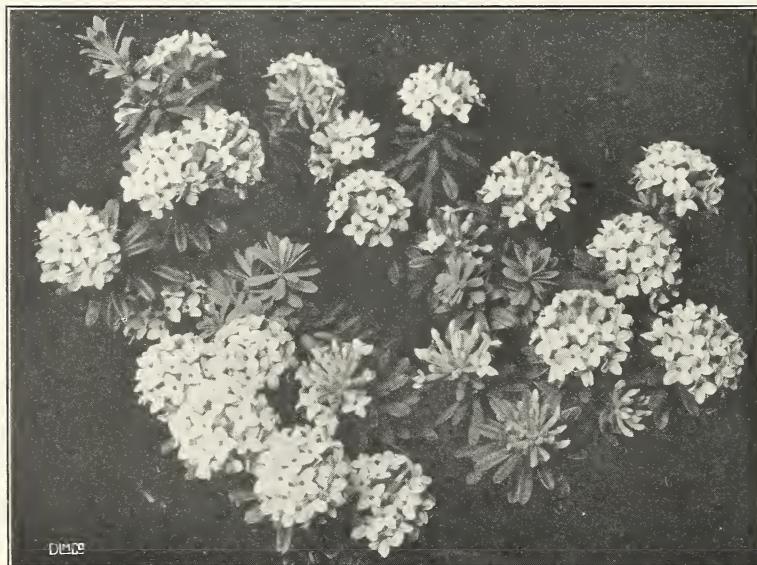
LANCEOLATA GRANDIFLORA. Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation. Height 3 feet. June to September.



CENTAUREA MONTANA (The Perennial Cornflower)

CONVALLARIA (*Lily-of-the-valley*)

The most familiar hardy Perennial we list. An excellent plant for shady situations. Spikes from 8 to 10 inches high. Small bell-shaped pure white flowers, blooming in early summer. Very fragrant.



DAPHNE CNEORUM (Garland Flower)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

DAPHNE
(*Garland Flower*)

CNEORUM. The beautiful low growing evergreen shrub, of trailing habit, covered with garlands of fragrant pink flowers from mid-April to the end of May. A most adaptable hardy plant, ideal for the herbaceous border, edging the shrubbery border or in the rock garden. Price \$1.50 per plant, \$15.00 per doz.

HARDY PERENNIAL PLANTS—Continued

DELPHINIUMS

We are very proud of our Delphiniums, representing, as they do, the combined results of the world's best Hybridizers. For the last quarter century we have watched the Delphiniums growing in popularity by leaps and bounds, and have kept closely in touch with all the up-to-date Hybridizers. Our thousands of seedlings were a source of delight to many customers who came to see them in their blooming period, many of whom made their selection of varieties to be shipped as soon as the weather conditions would permit.

The Wrexham type, Blackmore & Langdon varieties, Hewitt's and others are all represented in our collection. The range of color is really wonderful, some shading down to a pure white, through all the exquisite shades of blues, to deepest lavender. We have separated these seedlings in a dozen or so leading types, descriptions of which appear below. Also, for the benefit of the parties who are planning a definite color scheme, we can supply varieties fully described as to color, the description taken when the plants were blooming in the summer.

These plants are two year old plants, just in ideal condition to give the best and finest flowers.

CULTURAL NOTES

Good drainage is of prime importance in growing all types of Delphiniums. If the ground is heavy, mix coal ashes or sand to lighten the soil. Plant 18 inches apart each way in groups of three and five.

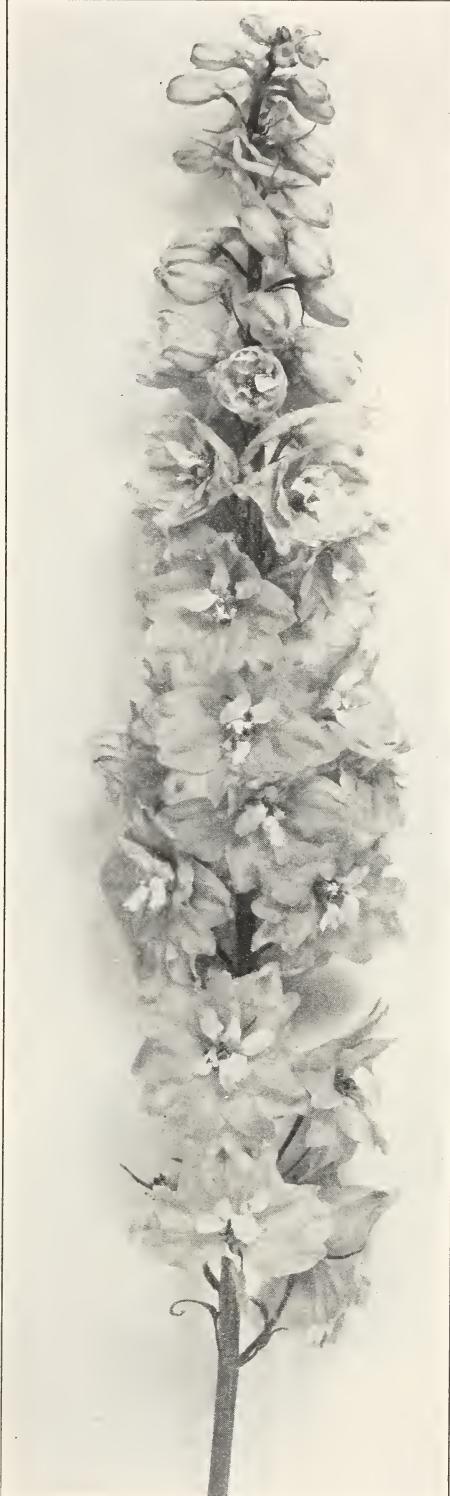
The ground should be deeply dug and pulverized and lime applied at the rate of a double handful to each square yard before the plants are set.

Lime should be applied every spring and fall after the plants are growing. After blooming, if the flower stalks are cut back and bonemeal is worked in near the crown, the plant will bloom several times during the season. Bonemeal applied at the rate of a handful to each plant will be sufficient fertilizer.

After the ground is frozen, cover the crowns lightly with straw or marsh hay. Never, under any circumstances, mulch with manure.

Black rot and mildew may be controlled by spraying the crowns with Bordeaux or some good fungicide. An ounce of prevention is truly worth a pound of cure with this disease.

Study your plants and their culture to grow Delphiniums well. With the present-day varieties you can get more pleasure and satisfaction out of growing Delphiniums than any other hardy perennial. For best results use the varieties listed on the succeeding pages.



HARDY PERENNIAL PLANTS—Continued



Lovely



R. E. Pilkington

DELPHINIUMS

Our thousands of Delphiniums are grown from seed of the finest named varieties from Blackmore & Langdon's, Wrexham's, Well's, Hewitt's, and Bee's, and are classified, named and marked as to type and color while they are blooming in the fields.

We first select the very finest that conform in type and color to the twelve named varieties listed below. These are the very finest that can be procured in the country, and are an outstanding feature in any garden.

We list these at **\$3.00 per clump or \$30.00 per doz.**

As we have had great demand for plants in separate colors, we have selected our next grade of types in light blue, dark blue, and mauve shadings. These include many types and forms that do not conform to our named varieties but are, nevertheless, a wonderful selection, including many doubles. You may have your choice in these three colors at **\$1.00 per clump, \$10.00 per doz.**

After the above selections are made, we sell all the plants that remain at **50c. each, \$5.00 per doz.** These include all colors, but are not marked or graded as to color or form.

CLARICE

Large, double soft pink flowers forming a compact spike. One of the best in light shades.

COUNTESS COWLEY

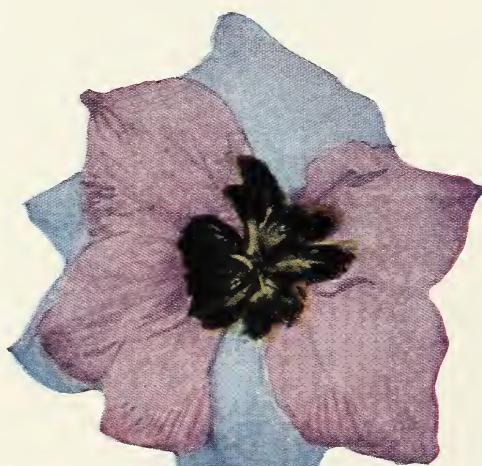
This has been called by some experts the very finest Delphinium that has ever been raised. The spike is magnificent, the eye is black and the flowers are of splendid shape and substance. The outer petals are sky-blue and the inner petals are varying shades of mauve. It is very double and in all respects a gorgeous type of Delphinium.

DUSKY MONARCH

Deep purple with dark bee center, enormous spike of flower. Well known variety, 4 to 5 feet high.

KING OF THE DELPHINIUMS

As the name suggests, a very king among Delphiniums. Under favorable conditions, it will grow 5 to 6 feet in height. Rich gentian blue, with striking white centers.



Countess Cowley

HARDY PERENNIAL PLANTS—Continued



Wedgwood



Le Danube

LE DANUBE

Lovely pale blue with delicate lilac pink centers. An old variety, but one that is very popular; not prone to disease and is wonderfully free flowering.

LOVELY

Outer petals porcelain blue with mauve pink inner petals and clear white eye. A magnificent spike of flower. 5 feet high. Truly "Lovely."

MRS. A. J. WATSON

Double soft blue inside petals with rosy mauve tips and striped black center. One of the newer varieties, with medium tall spikes.

QUEEN MARY

Lovely Belladonna blue single, with a beautiful pure white center. A lovely tall spike and a splendid contrast to the darker shades universally admired.

R. E. PILKINGTON

Semi-double, color being a deep violet, edged by a deep shade of blue, the eye a very large and distinct shade of brown and very striking in appearance. If you want a dark shade, you will need R. E. Pilkington.

REV. E. LASCELLES

Striking dark blue spikes of immense size, large double flowers with distinct blue and white double centers. 4 to 6 feet high. One of the most impressive border plants it is possible to get.

SMOKE OF WAR

A semi-double flower, shades of which are very unique, being a reddish purple with a black eye. There is a suggestive haze about a spike of this variety that suggests the name. It produces a very tall spike.

WEDGWOOD

Wide open double flowers closely spaced on a splendid spike. The crested white center outlined against the lavender blue petals strongly suggests the name.

BELLADONNA

Sky-blue, beautiful sprays; large flowers with white centers; one of the best known. Medium height, 2 to 3 feet. 50c. each, \$3.00 per doz., \$20.00 per 100.

CHINENSE BLUE

Clear, bright Chinese blue; a splendid carrying color in the garden. Very vigorous grower. 20 to 24 inches high. 50c. each, \$3.00 per doz., \$20.00 per 100.

CHINENSE ALBA

Pure white form of the above. This variety when used in conjunction with the blue mentioned above is very effective. 20 to 24 inches. 50c. each, \$3.00 per doz., \$20.00 per 100.



Queen Mary



DIANTHUS

ANNIE LAURIE

Our new, hardy Carnation that blooms from May until November, is a delight to all who grow it. The color is a clear orchid pink with wine-red center. It is fragrant and perfectly hardy and will do well in sun or partial shade, but prefers a sunny location.

***DELTOIDES.** 'A charming rock plant, perfectly hardy, narrow leaves and a profusion of small crimson flowers. Blooming June and July. 6 inches high. Thrives in a hot, dry location.

DIELYTTRA (*Bleedingheart*)

EXIMIA (*Fringed Bleedingheart*). A dwarf bleedingheart that is equally happy in the sun or shade and literally blooms all season. It grows about 12 to 15 inches high, has very finely cut foliage and graceful racemes of pink heart-shaped flowers. It comes into bloom in May and flowers continuously until late October. This delightful little plant is at home in any soil or location. 50c. per plant, \$5.00 per doz.

SPECTABILIS. Graceful, heart-shaped, pink flowers; one of the choicest memories of old-fashioned gardens. Easily cultivated in borders and wild gardens. Especially valuable for planting in shady spots. 1 to 2 feet. 75c. per plant, \$7.50 per doz. April and May.



DIELYTTRA (*Bleedingheart*)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

DICTAMNUS (*Gasplant or Burningbush*)

An old garden favorite which has a strong smell of lemon and will sometimes give a flash of light on a sultry summer evening, when a lighted match is held near the flowers; hence the name. Succeeds well in partial shade or full sun. Should not be moved after once established.

FRAXINELLA RUBRA. Rosy-pink blooms in early spring; glossy, handsome foliage throughout the season. 3 feet high, suitable for border or specimen plant. 75c. per plant, \$7.50 per doz.

FRAXINELLA ALBA. Pure white form of above. 75c. per plant, \$7.50 per doz.

DIGITALIS (*Foxglove*)

A very attractive addition to the herbaceous border, thriving in sun or partial shade in light, rich loam. Blooming in June and July.

AMBIGUA (*Yellow Foxglove*). A true perennial Foxglove, flowers buff yellow with brownish markings, growing 2 feet high and if cut back after the first flowering will bloom later in the season.

GRANDIFLORA ROSE-PINK. Very large flowers of lovely rose-pink on tall, stately spikes.

PURPUREA GLOXINIAEFLORA ALBA. Pure white form of the above.



DIGITALIS (Foxglove)



EUPATORIUM (Hardy Ageratum)

DORONICUM (*Leopardbane*)

EXCELSUM. A very showy, Daisy-like flower of clear bright yellow blooming in April and May. The most pleasing color scheme results when this is planted with Phlox divaricata laphami, as they bloom at the same time. Very hardy and succeeds well in full sun and the usual garden soil. 1½ feet high. 50c. per plant, \$5.00 per doz.

ERYNGIUM (*Seabolly*)

Produces flowers in August and September, which may be cut and dried for winter bouquets.

PLANUM. Handsome blue variety. 2 to 3 feet

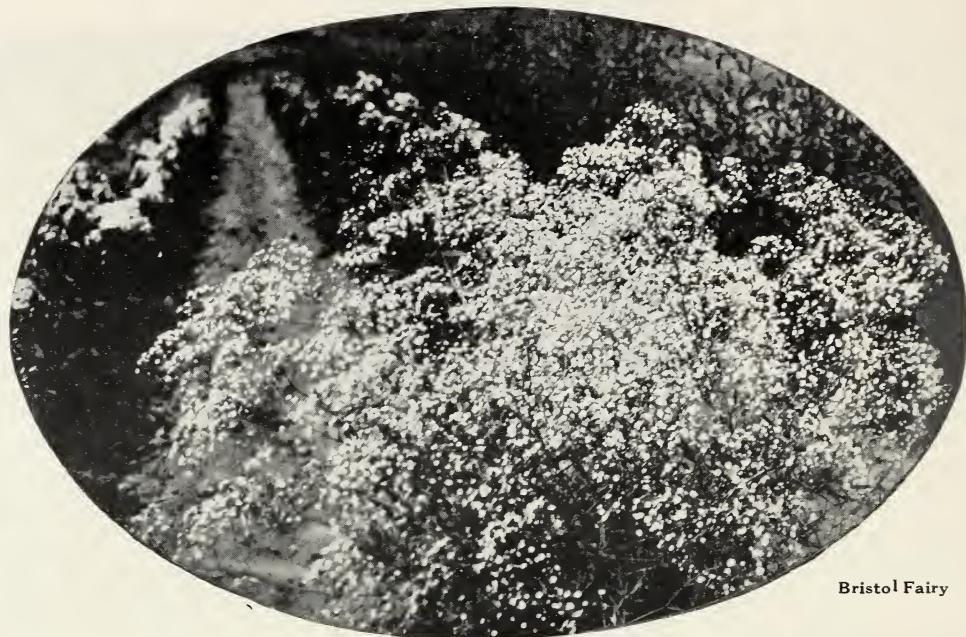
EUPATORIUM (*Hardy Ageratum*)

CONOCLINIUM or **COELESTINUM.** A splendid border plant with lavender blue, Ageratum-like flowers, adding blue to the border from August to frost. 1½ to 2 feet high.

FUNKIA (*Plantainlily*)

LANCIFOLIA. Very useful for borders and in partial shade. Late in season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches, but flower stalks will run up to about 2 feet.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted



Bristol Fairy

GAILLARDIA (*Blanket Flower*)

GRANDIFLORA. One of the best known Hardy Perennials, growing to a height of about 20 inches. Blooms from early June until frost. Flowers rich red-brown, edges of petals bright golden yellow.

HELENIUM (*Helen Flower*) (See page 81)**GEUM** (*Avens*)

LADY STRATHEDEN. A recent introduction in great favor, having all the good qualities of Mrs. Bradshaw; the flowers are a bright golden yellow, blooming from June to October. Perfectly hardy, but requires full sun and a fairly light soil.

MRS. BRADSHAW. A new, large, double, scarlet variety, blooming the greater part of the summer and fall. Height 15 inches.

THE BETTER GYPSOPHILA**Bristol Fairy**

With double flowers almost as large as the annual Babysbreath and every bit as white, as lasting and easily handled as the usual double sort, it is more valuable than either.

Not only for the flowers alone, but for the long season over which they are produced, Bristol Fairy is a triumphant achievement in florists' flowers. Unlike the old double Babysbreath, which bloomed once and was gone, and unlike the annual sort which had to be sown many times a season, it continues to bloom from early summer until hard frost.

Bristol Fairy has all the virtues of the popular *Gypsophila paniculata flore pleno* as a garden and landscape subject. It is sturdier, more graceful, and has much more distinct white flowers. Best of all, it is an all-summer plant, blooming periodically from June till frost, and does not have to be concealed or replaced like the old kind does when it is through blooming. 75c. each, \$7.50 per doz.

GENTIANA

ANDREWSI (*Closed Gentian*). The intensely blue flowers are borne in clusters at the top of the stems. This interesting little plant grows best in moist places and blooms from late August to frost. Height 8 to 10 inches.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

HELENIUM (*Helen Flower*)

This magnificent perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful from yellow to bronze-colored flowers. The flowers on one and the same plant vary in color according to their growth and different stages of development. No prettier sight graces the garden than a well-developed border of Heleniums.

AUTUMNALE SUPERBUM. Broad, spreading heads, deep, golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.

AUTUMNALE RUBRUM. Similar to superbum, but has bright, terra cotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

HELIANTHEMUM (*Rock Rose*)

***AUREUM.** Excellent for the rock garden or a dry, sunny bank. These evergreen plants are very low growing and form broad clumps covered with golden yellow blooms from July to September. Must be cut back slightly when planted. Height 4 to 6 inches.



HESPERIS (Sweet Rocket)

HELIOPSIS (*Orange Sunflower*)

ZINNIAEFLORA. Double flowering type of the orange Sunflower, growing 3 feet high. Flowers July and August.

HEMEROCALLIS (*Daylily*)

AURANTIACA. Bright orange Daylily, 2½ to 3 feet, sweetly scented. Blooms in July.

CITRINA. Beautiful light lemon colored flowers, blooming in August and September, after the other varieties are past their bloom. Tall slender stems 4 feet high.

DR. REGEL. Deep orange, beautiful, large, wide open flowers; very fragrant; blooms June and July. Height 2 feet.

FLAVA. Fragrant clear yellow flowers. Blooms earliest of these charming Lilies, coming in May and June, and is useful as a cut flower as well as in the herbaceous border. 3 feet high.

GOLD DUST. Bright yellow flowers, buds and reverse of petals bronzy-gold; flowering in May and June. 2 to 3 feet high.

THUNBERGI. Blooming in late July. This comes after the other varieties. Is a rich, clear lemon-yellow. 3 feet high.

HOLLYHOCK

No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. We offer the best assortment of double kinds.

DOUBLE NEWPORT PINK.

DOUBLE MAROON.

DOUBLE SCARLET.

DOUBLE YELLOW.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

HESPERIS (*Sweet Rocket*)

Showy, terminal, pyramidal, fragrant spikes, resembling stocks; blooming from June to August. Splendid for naturalizing in semi-shady places. 2 to 3 feet. In separate colors—lavender and white.

HEUCHERA

SANGUINEA. A charming perennial, producing numerous graceful panicles of flowers varying from pale pink to vivid crimson, and one of the easiest varieties to grow. Flowering July and August; height 2 feet. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

IBERIS (*Hardy Candytuft*)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental, while the flowers, climbing and rambling in all directions, lend a picturesque touch wherever the plants are used.

***GIBRALTARICA.** Delicate pink; dwarf in habit and completely covered with small pink flowers. Mid-April to mid-May.

***SEMPERVIRENS.** Pure white flowers which completely cover the plants in May. About 15 inches high, and splendid for edging, borders and rock gardens.

HARDY PERENNIAL PLANTS—Continued



Tall Large-Flowering Bearded Iris FLEURS-DE-LIS

Between Tulip time and Rose time the mainstay of the garden for masses of color is found in the modern forms of the bearded Iris. The all-pervading loveliness of a garden well planted with the choicer forms of the older and the newer introductions is breathtaking. In no flowers are returns surer or more satisfying.

Buy Irises, plant Irises, until you have a good collection, and when the lure of May and June is upon your garden you will agree that you have never had so much "carefree" beauty.

CULTURE AND PLANTING

Do not use manure. Lime the thoroughly prepared bed well and give an annual top-dressing of lime in the fall, with a top-dressing of bonemeal in early spring. Do not plant in deep shade. Open woodland paths, if well drained, make admirable locations for broad masses of Iris. In planting, spread fibrous roots as much as possible and barely cover the rhizomes. Space 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect. Planting may be done at any time the ground is open, but the ideal time is through the months of July, August and September. The new growth is then active, and the root quickly establishes itself for blooming next season. Late plantings should be mulched with leaves or straw, not manure.

PRICES AND QUALITY OF ROOTS

Strong single roots are furnished at the prices quoted and every care is exercised to have the plants true to name. Your satisfaction is our success.

In the case of rare varieties where stock is limited, orders will be filled in *sequence of receipt* and accepted subject to stock in hand, but *will not be shipped until after the blooming season*, preferably in early August.

In the description, "S" is used to designate the standards or upright petals; "F," the falls or drooping petals.

Standard Varieties (Bearded Iris)

AFTERSGLOW (Sturtevant). Grayish-lavender, shading to yellow, fine in garden effects. 3 to 4 feet. 75c. each.

ALCAZAR (Vilmorin). A branching plant, tall and stately, with a long flowering season. S. light mauve, F. deep rich purple. First-class certificate, London. 40 inches. 50c. per plant, \$3.50 per doz.

AMBASSADEUR (Vilmorin). S. smoky reddish satin in paler tones than the deep rich, velvety maroon falls which are held at right angles. A tall, regal plant, and considered one of the best of late introductions. Award of Merit, London. Certificated by National Horticultural Society of France. \$1.00 per plant.

ARNOLS. Deep toned pinky-bronze blended bicolor with rich falls. Excellent planted as an accent with the warm white of Innocenza and the rose of Her Majesty. 32 to 34 inches high. 35c. each per plant, \$3.50 per doz.

AURORA (Foster). S. and F. pale lilac pink. Large flower on strong, erect stems. Good for isolated clumps. 4 feet. 50c. per plant, \$3.50 per doz.

BALLERINE. Large ruffled flower of soft mauve color. A tall, vigorous form of Pallida; very fragrant. 4 feet high. \$1.50 per plant.

BARONET (Sturtevant). Blue in garden effect, 40 inches. Large flowers on well branched stalk. Price, 75c. each; \$7.50 per dozen.

BLUE JAY (Farr). A tall, late blooming variety in good "blues," bright and dark. 3 feet. 50c. per plant, \$3.50 per doz.

CAPRICE (Vilmorin). S. and F. claret, shading to white at the center of the rather wide open flower. Very charming planted with Flavescens against a not too heavy tracery of green. 50c. per plant, \$2.50 per doz.

CHESTER HUNT (Farr). "Blue" Iris, long season of bloom, and lovely planted with Fairy. 50c. each, \$5.00 per doz.

CLUNY (Vilmorin). A large flowered mauve of an unusual height for so early a bloomer. 48 in. Price, 75c. each, \$7.50 per doz.

DALMARIUS. A highly commended variety. S. satiny-gray; F. lavender with an enormous yellow beard. A large flower, vigorous plant and free in bloom. 30 inches. 50c. per plant, \$2.50 per doz.

DALILA (Denis). A new French introduction of great beauty. S. flesh white; F. rich red with very little suggestion of pink. Free in bloom and distinct in color. A seedling from I. Ricardi. Fall delivery only. 75c. each.

DAWN (Yeld). Pale yellow flower. The plant is of unusual vigor and freedom in bloom and its creamy mass makes happy association for the deeper colored Irises. 32 inches. 50c. per plant, \$3.50 per doz.

DELICATISSIMA (Millet). Late pale pink pallida. Delicious fragrance. 36 inches. Price, \$1.00 each; \$10.00 per doz.

DEJAZET (Vilmorin). Certificate, Paris. A superb flower of dusky orange-rose, deeper in the falls. Early in bloom and plant medium in height. Stock limited. \$1.00 per plant.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted



BLUE JAY

E. H. JENKINS (Bliss). A blue bicolor of strong branching habit and great freedom of bloom. 45 inches. Price, \$1.00 each, \$10.00 per doz.

EDOUARD MICHEL (Verdier). The true variety is scarce. Wide spreading blossoms of deep, wine-red, on 3-foot stems. An imposing Iris when well grown and placed among creamy whites or pale yellows. Award of Merit. 75c. per plant.

FAIRY. White, touched with blue, delightfully fragrant. 36 inches. 50c. each, \$5.00 per doz.

FLAVESCENS. Soft, creamy yellow. No Iris is more valuable in the garden. 30 inches. 50c. per plant, \$2.50 per doz.

FLORENTINA. The gray-white variety of the old gardens; large, fragrant and early. It makes a pleasing background for Clara Butt Tulips. 28 inches. 50c. per plant, \$2.50 per doz.

FRITJOF (Intermediate). A fine, purple bicolor in large flower, with a long blooming season. 50c. per plant. \$3.50 per doz.

GERDA (Intermediate). Pale yellow, earlier than Flavescens. 50c. each, \$3.50 per doz.

GERMANICA TYPE (Common Early Blue Flag). Violet-purple, free flowering and effective with yellow Tulip, Mrs. Moon. 50c. per plant, \$2.50 per doz.

GOLD CREST (Dykes). A delightful early clear "blue" self. Gold beard. 30 inches. Price, \$1.00 each; \$10.00 per doz.

HER MAJESTY. S. soft rose; F. deeper rose, heavily veined. One of the best "pink" sorts and particularly satisfying used either with the cool white of Mrs. Darwin or the warm white of Innocenza. 28 inches. 50c. per plant, \$3.50 per doz.

STANDARD VARIETIES, BEARDED IRIS—Continued

HER RIVAL (McKinney). Soft rose with a feeling of yellow through it. A small flower of delightful response in combination with rich purple and pale yellow. 34 to 36 inches high. 50c. per plant.

INNOCENZA. S. and F. ivory white, slight reticulation at throat, late blooming and valuable. 26 inches. 50c. per plant, \$3.50 per doz.

ISOLINE (Vilmorin). S. soft yellow-pink; F. deep old rose. A very large flower on 3-foot stems. 50c. per plant, \$3.50 per doz.

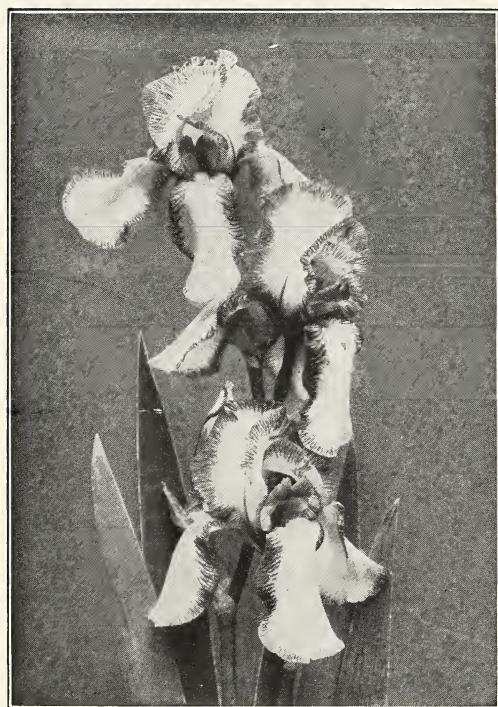
JEANNE D'ARC (Vilmorin). A wide open flower with ruffled edges lightly traced in pale lilac, with the entire style branches a fresh, clear lilac. 32 inches. 50c. per plant, \$3.50 per doz.

JUNIATA (Farr). Four-foot stems carry large, violet flowers above noticeably fine flowing foliage. Excellent in every way. 50c. per plant, \$3.50 per doz.

KOCHI. S. and F. deep black-purple. An effective early blooming Iris, not so well known as it deserves. 2 feet. 50c. per plant, \$2.50 per doz.

LEONIDAS (Barr). A very handsome, tall Pallida type. S. clear lavender; F. several shades deeper and hugging the stem, making the form an unusual but attractive one. Very large flower. 3 feet. 50c. per plant, \$3.50 per doz.

LENT A. WILLIAMSON (Williamson). An American introduction which scored the highest mark in the recent Symposium conducted by the American Iris Society. It is massive in growth and flower. S. lavender-violet and F. velvety pansy violet. 42 inches. 75c. each.



IRIS, MADAME CHEREAU

[Price: [50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted



IRIS, GERMANICA TYPE (See page 83)

LOHENGRIN. A. M., R. H. S. A large flower, both S. and F. in shades of Cattleya mauve; petals very responsive to the strength or softness of the light. A plant of vigorous habit and good foliage. 32 inches. 50c. per plant, \$3.50 per doz.

LORELEY. S. clear pale yellow. F. raisin-purple, with yellow edge. This variety possesses in a superlative degree what the garden colorists call "carrying-quality." No other Iris in our collection is more admired. 50c. per plant, \$3.50 per doz.

LORD OF JUNE (Yeld). Free blooming, huge flowering Iris in pale blue. 36 inches. \$1.00 each.

MADAME CHEREAU. S. and F. white, frilled clear blue; very lovely. 3 feet. 50c. per plant, \$2.50 per doz.

MANDRALISCAE. S. deep blue; F. violet-mauve; with pale yellow, striped throat; 3½ feet high. 50c. per plant, \$2.50 per doz.

MONSIGNOR (Vilmorin). A late flowering variety in rich coloring of purple and violet. The freedom of bloom makes it desirable for a strong note of color among the later blooming Irises. 2 feet. 50c. per plant, \$3.50 per doz.

MOTHER OF PEARL (Sturtevant). "A flower made of the fabric of dreams." The name adequately describes the color. A vigorous plant with tall stately spikes bearing large flowers. 4 feet high. 75c. per plant.

MRS. ALAN GRAY (Foster). S. and F. soft pinkish lilac. Blooms with the intermediates and invariably for us sends up spikes of bloom in the Autumn. No Iris is lovelier in mass. 30 inches. 50c. per plant, \$3.50 per doz.

MRS. NEUBRONNER. S. and F. golden yellow, deeper than Aurea, also slightly earlier. 20 to 24 inches. 50c. per plant, \$2.50 per doz.

STANDARD VARIETIES, BEARDED IRIS—Continued

MY LADY (McKinney). "The tallest Plicata." A seedling of William Marshall. Standards lavender in effect and falls white. 4 feet. \$2.00 each.

OPERA (Vilmorin). Certificate, Paris. Of glorious coloring in velvety rich, deep red purples. A fine flower of good shape. 33 inches. \$1.00 per plant.

ORIFLAMME (Vilmorin). Award of Merit, London; Certificate, Paris. Immense handsome flowers of light blue and purple, always admired. 30 inches. 75c. per plant.

OTHELLO. S. rich blue; F. deep dark, velvety-violet. 30 inches. Still unsurpassed among the dark sorts. 50c. per plant, \$2.50 per doz.

PALLIDA DALMATICA. S. and F. soft lavender; very fragrant; exquisite as a cut flower; superb in the hardy border. 3 to 4 feet. 50c. per plant, \$2.50 per doz.

PAULINE. A fine red-purple Pallida, especially pleasing with Aurora. 36 inches. 50c. per plant, \$5.00 per doz.

PERFECTION. S. light blue; F. black-violet. A very free blooming sort and most effective as a dark foil for the lighter colors. 30 inches. 50c. per plant, \$3.50 per doz.

PRINCESS BEATRICE. A selected form of Pallida Dalmatica, with heavy textured lavender blue flowers. \$1.00 per plant.

PRINCESS ROYAL. Tall, slender stems of violet-blue flowers. 50c. each, \$5.00 per doz.

PROSPER LAUGIER (Vilmorin). A. M., R. H. S. S. bronzy-red; F. ruby velvet. The feeling of gold in its tones makes it the needed touch in a border of shades of yellow. Excellent also with creamy whites. 31 inches. 50c. per plant, \$3.50 per doz.



IRIS PALLIDA DALMATICA

QUAKER LADY (Farr). S. smoky lavender, shaded with gold; F. amethyst-blue with yellow shadings. Styloid petals and beard yellow. To emphasize its charm of coloration, plant with Aurea and Mrs. Neubronner. 50c. per plant, \$3.50 per doz.

QUEEN OF MAY. S. and F. soft lilac-rose, fragrant. One of the most charming of the "pink" Pallidas. 32 inches. 50c. per plant, \$2.50 per doz.

RHEIN NIXE. A. M., R. H. S. Standards clear white; F. rich raspberry purple with white edge. Tall, vigorous branched spikes. 3 feet. 50c. per plant, \$3.50 per doz.

SHERWIN WRIGHT. A deep yellow, taller than Mrs. Neubronner. 50c. each, \$3.50 per doz.

SHEKINAH (Sturtevant). Clear lovely yellow, deepening in the center. 34 inches. \$1.00 each; \$10.00 per doz.

SIBIRICA EMPEROR (Japan). Award of Merit, London. Deep violet-blue. Large flowers borne well above the foliage on 4-foot stalks. A clump of three years' standing makes a stunning garden feature. Stock limited. \$1.00 each.

SIBIRICA, Variety ORIENTALIS. These are grassy-leaved Irises retaining lovely flowing foliage throughout the season and blooming just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration.

White. 50c. per plant, \$2.50 per doz.

Shades of Blue. 50c. per plant, \$2.00 per doz.



LENT A. WILLIAMSON (See page 84)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

STANDARD VARIETIES, BEARDED IRIS—Continued

SIMPLICITY (McKinney). An almost white flower, with pink, styloid petals. The plant is vigorous and free blooming, and, in clump, has the pleasing habit of throwing up stems of varying height. 34 inches. \$1.00 each.

SNOW QUEEN (Found in Japan by Mr. Peter Barr). An exceptionally free flowering Sibirica of the Orientals form. Its large white blossoms make a fine mass effect. 28 inches. 50c. per plant, \$2.50 per doz.

THELMA PERRY (Perry). A vigorous Pallida variety of refined coloring; soft blush; F. rosymauve. 36 inches. 75c. per plant.

THORBECK. S. white; F. deep black-violet. A very effective Iris. 40 inches. 50c. per plant, \$3.50 per doz.

WALHALLA (Intermediate). S. light blue-lavender; F. velvety-purple. Blooms in mid-May. 20 inches. 50c. per plant, \$3.50 per doz.

WHIM (McKinney). A low-growing, free-blooming Iris of piquant charm. The flowers are cream, blushed and peppered with rose, giving the effect of pale terra cotta standards and cream falls. 20 inches. \$1.00 each.

WHITE KNIGHT (Saunders). A clear white of compact and pleasing form. 30 inches. 50c. per plant, \$5.00 per doz.

Dwarf Irises

***BLACK MIDGET** (McKinney.) Almost soot black buds. Flower dark purple with edges of standards and falls much laciniated. Good foliage throughout season. Free in bloom and in height 8 to 10 inches. For several successive seasons has bloomed again in early October. \$1.50 each.



SHERWIN WRIGHT (See page 85)

***CRISTATA** (Evansia). A dainty creeping species; flowers rich amethyst-blue, striped orange; increases rapidly. A little gem for borders, rock-work or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it. 50c. per plant, \$2.50 per doz.

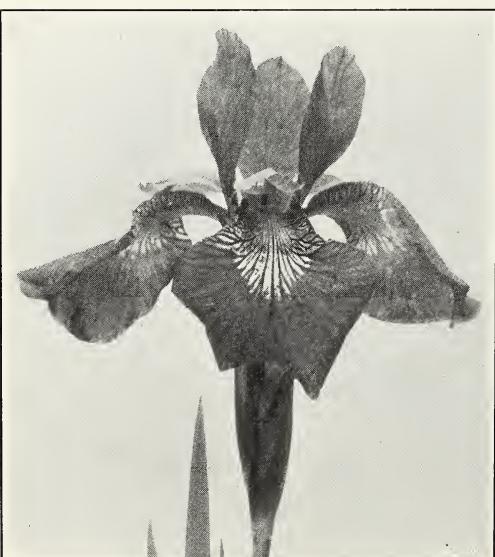
***GLEE** (McKinney). This is a dwarf Iris of exceptional merit. The profusion of its pale yellow bloom and the gay grace of its two-flowered stems merit the name given by the originator. Its record of three weeks bloom was carried this year to more than four weeks. Pale yellow; late April and early May. 12 inches. \$3.00 per plant.

***GRACILIPES**. The most fairy-like of all Irises; From among delicate and graceful foliage the small rhizomes send up sometimes as many as six branches, carrying small-crested, pinkish-lilac blossoms. Delightful for a moist, but well-drained place, either in border or rock garden. Likes afternoon shade. \$1.00 each. August delivery only on Gracilipes.

***TECTORM ALBA**. For the top of a low wall or terrace nothing is more lovely than this pure white crested Iris, which blossoms at the same time as the tall bearded sorts. Foliage good. Exquisite variety. Stock scarce. 15 inches high. \$1.50 per plant.

***TECTORM**. Blue. 50c. each; \$5.00 per doz.

***VERNA**. A native Iris demanding much the same conditions of acid soil required by the Bird-foot Violet. Deep lavender in blossom with a gold splash and very fragrant. Foliage deep green and persistent. Adapted to the rock garden where special conditions may be created for it. 50c. per plant, \$5.00 per doz.



IRIS SIBIRICA (Variety Orientale) (See page 85)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

Japanese Iris

These magnificent Iris are a truly gorgeous sight, and extend the Iris season well into July. The colors are many and brilliant, and add greatly to any garden.

They thrive in any good, mellow clay loam, and while they like plenty of moisture during the growing season, flooding with water is not a necessity, as many suppose. It is essential to keep the ground well stirred. Be sure water does not stand over them in winter.

BLUE JAY. Double sky-blue, distinct white lines on each petal. 50c. each, \$5.00 per doz.

DOMINATOR. Single. A dark violet-blue, lighter veinings of orange at base of falls; makes a splendid spot of color in the July garden. Upright standards, very large, horizontal falls. 50c. each, \$5.00 per doz.

GOLD BOUND. Double. Large, double white, enriched by a creamy glow, from the gold-banded center. 50c. each, \$3.50 per doz.

ORIOLE. Double. A large flower of rich plum color with darker shadings and touch of gold at center. 50c. each, \$3.50 per doz.

PINK GEM. Single. Very large, slightly drooping falls; lovely soft mauve-pink, veinings of darker shade of pale yellow at base of falls. 50c. each, \$5.00 per doz.



TOTTY'S TRUE BLUE

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted



IRIS, ORIOLE

PYRAMID. Double violet-purple, veined white in center of each petal. 50c. each, \$3.50 per doz.

RED RIDING HOOD. Single; fine amaranth, veined and suffused white. 50c. each, \$3.50 per doz.

"ROSE-ANNA." Double, mauve-lavender, darker halo. Petals of soft, crêpe-like texture, with yellow blotch at base. 50c. each, \$5.00 per doz.

TOTTY'S TRUE BLUE. Double; a very beautiful clear blue with a dash of gold at the base of each petal. A very large double flower; petals with little or no veining and remaining horizontal until faded. A new introduction this year, and a very unusual color in Japanese Irises. 75c. each, \$7.50 per doz.

VIOLET BEAUTY. Large, single flower of a rich, dark violet purple, with long, conspicuous yellow center and graceful, crêpe-like texture. A tall growing variety, very showy in the garden. 50c. each, \$5.00 per doz.



REGALE, or MYRIOPHYLLUM

LILIES

CULTURAL NOTES

Most Lily bulbs may be planted either in the spring or fall. The most important factor in growing Lilies is that they should have good drainage. Manure or commercial fertilizer should never be allowed to come in direct contact with the bulbs, as this is often the cause of rotting and disease. In planting, dig the hole 6 inches deeper than the bulb is to be set and place some well decomposed leafmold in the bottom of the hole. Over this, place an inch or two of sand. The bulb is then placed on the sand, so that the top of the bulb is 6 to 8 inches below the surface of the ground. A mulch of peat moss or leafmold is very necessary during the summer, with straw and leaves for winter covering.

LILIUM AURATUM

(*The Goldband Lily of Japan*)

Flowering in July and August. Large, pure white flowers with gold band and crimson spots, very fragrant. An easy species to grow. 50c. each, \$5.00 per doz.

LILIUM CANDIDUM

(*Ascension or Madonna Lily*)

This is the Lily grown in all old-fashioned gardens; five to eight pure white flowers, borne on stems 3 to 4 feet high. Delphiniums grouped with these beautiful Lilies make a charming combination in the hardy border during the month of June. 50c. each, \$5.00 per doz., \$35.00 per 100.

DAURICUM

This beautiful Lily comes from the home of *L. tenuifolium* in Siberia. It resembles a native *Philadelphicum*. It is of easy culture, grows 2 to 3 feet high and blooms in umbels of three to five upright scarlet flowers. 35c. each, \$3.50 per doz., \$25.00 per 100.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

LILIUM HANSONI

Beautiful clusters of reddish-orange flowers borne on 4 to 5 foot stems. Very hardy and not particular as to conditions. Partial shade helps to retain brilliant coloring in blooms. Another Lily from Japan that is quite at home in our gardens. Blooms early in June. 50c. each, \$5.00 per doz.

LILIUM HENRYI

Very similar to *Speciosum* except in coloring, which is a gorgeous orange-yellow with a green stripe down the center of each petal. This Lily blooms in August and September, which makes it very valuable for the late summer garden. It is perfectly hardy and has no particular soil requirements. 75c. each, \$7.50 per doz.

REGALE, or MYRIOPHYLLUM

Flowers white, slightly suffused pink, with a beautiful shade of canary-yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy. Price: 3 bulbs, \$1.00; 12 bulbs, \$3.50; 100 bulbs, \$30.00

LILIES

LILIUM SPECIOSUM RUBRUM

Always satisfactory in the perennial border, perfectly hardy and blooming late into September. Flowers white, shaded and spotted with rose and very fragrant. A graceful stem, 3 to 4 feet high, carries from three to twelve beautiful blooms that open gradually, prolonging the blooming season. 50c. each, \$5.00 per doz.

LILIUM SUPERBUM

One of the hardiest Lilies grown. Has large clusters of bright reddish-orange flowers conspicuously spotted with brown. Excellent for planting near streams or for naturalizing among shrubs. Prefers partial shade, but will thrive in full sun if the ground is kept cool with leafmold. Blooms June and July. Four feet high. 35c. each, \$3.50 per doz.

LILIUM TIGRINUM

(*Simplex Splendens*)

The well-known Tiger Lily that flourishes in all situations, is hardy and easily cultivated. Bright orange-red flowers thickly dotted with purple spots. Admirably adapted for mass plantings against shrubbery. Blooms July and August. 35c. each, \$3.50 per doz.



LILIUM SPECIOSUM RUBRUM

LAVENDULA (*Lavender*)

VERA. The true Sweet Lavender, growing 18 inches high, wonderfully fragrant, blue flowers, blooming July and August.

LINUM (*Flax*)

PERENNE. One of the most effective of the blue perennial flowers, growing about 18 inches high, and flowers from May to July. When planted in masses, makes a very beautiful show of color.

LYCHNIS (*The Lamp Flower*)

CHALCEDONICA. Most desirable variety; orange-scarlet. 3 feet high. June to mid-July.

LYTHRUM (*Loosestrife*)

ROSEUM SUPERBUM. Rose color, robust habit. 4 to 5 feet. July and August.

MERTENSIA (*Virginia Bluebells*)

VIRGINICA. Blooms very early in the spring, making a charming color scheme when planted with *Doronicum excelsum*. Flowers of bright blue, fading to pink and borne on graceful drooping stems about 1½ feet high. A very desirable addition to every spring garden.

MONARDA (*Bergamot*)

DIDYMA. Brilliant crimson-scarlet flowers, produced in plants about 2½ to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

FISTULOSA. Lavender form of the above.

VIOLACEA. Bright amaranth-red. 2 to 3 feet high.



LYCHNIS CHALCEDONICA (*The Lamp Flower*)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

MYOSOTIS (*Forget-me-not*)

ALPESTRIS INDIGO BLUE. This beautiful bright blue border plant comes into bloom with the earliest spring flowering bulbs and continues to bloom through May and June. This is a biennial plant, but seeds itself freely and thus carries over from year to year.

PALUSTRIS SEMPERFLORENS. No hardy flower is better known or appreciated than this light blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches.

NEPETA (*Ground-ivy*)

***MUSSINI.** A most desirable border or rock plant with gray-green foliage and covered with masses of pale lavender blue flowers. Blooms from May to November if cut back once during midsummer. 1 foot high and has a spread of 12 to 15 inches. Is a splendid ground cover and succeeds well in any soil or location. Especially useful in dry, sunny slopes to prevent washing.

PACHYSANDRA (*Japanese Spurge*)

TERMINALIS. An evergreen ground cover, unsurpassed for its adaptability to all situations and conditions. Chief among its many uses, we recommend it for planting under evergreens, shrubs and in cemetery work. As a border for walks and drives it is most attractive. Also splendid for steep slopes in sun or shade, and for dense shade under any kind of trees. Pachysandra is the only plant to thrive under pine trees. It attains a height of about 8 inches. Plant 6 inches apart each way for best results.

PACHYSANDRA TERMINALIS (*Japanese Spurge*)

PEONIES

Herbaceous Peonies

Cast-iron in their hardiness, blooming equally well north, south, east and west, in this country, no other flower is so adaptable and so satisfactory. A good, rich soil, open sunny position, and plenty of water during their growth is all they need. When planting, place the roots so that the crowns are barely covered with soil.

ASSORTED VARIETIES. 50c. per plant, \$5.00 per doz., \$35.00 per 100.

PINKS (*See DIANTHUS*)**PLATYCODON** (*Japanese Bellflower*)

Very handsome hardy perennial, with beautiful bell-shaped flowers, much like Campanula, blooming in July and August.

GRANDIFLORUM. Very large, deep blue, star-shaped flowers. 2 feet.

GRANDIFLORUM ALBUM. Beautiful pure white type of the above. 2 feet.

PLUMBAGO (*Leadwort*)

***LARPENTAE.** A splendid border or rock plant with deep blue flowers, blooming in September and October; dwarf spreading habit. 8 to 10 inches high.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted



***Phlox Divaricata Laphami**

A perennial Phlox of pure gentian blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in front of Darwin Tulips, since it flowers in May and continues flowering until early July.

No other garden flower blooming at this season shows this rare and beautiful color.

A solid bed of Phlox Laphami is one of the most attractive sights in any garden, and we cannot too strongly recommend everyone to try at least a few plants of this remarkable plant.

PHLOX (Moss or Mountain Pink)

***SUBLATA.** An evergreen creeping plant, excellent for edging the border or in the rock garden. Producing masses of bloom in April and May, with moss-like foliage; invaluable carpeting for the ground.

***ALBA.** Pure white.

***VIVID.** Bright cerise-pink.

***LILACINA.** Light lilac.

***ROSEA.** Rose-pink.

***CAERULEA.** A new addition to our list this year, especially useful in the rock garden, owing to the scarcity of blue flowering plants during April and May.

This variety makes a neat, compact plant, literally covered with clear, blue flowers equal in intensity to the Phlox divaricata laphami. Truly a little gem, not as yet widely distributed.

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100

HARDY PERENNIAL PLANTS—Continued

Phlox

COMMANDER. Brilliant deep crimson red with deeper red eye. Grows about 20 inches high. Produces a great many spikes of these brilliantly colored Phlox.

ENCHANTRESS. The Elizabeth Campbell shade of soft salmon pink, but having a much more vigorous growth. This is a splendid new variety which we highly recommend in place of the once popular Elizabeth Campbell. 50c. each, \$5.00 per doz.

GENERAL VON HEUTZ. Brilliant salmon-scarlet with large white center. A very striking variety. 3½ feet.

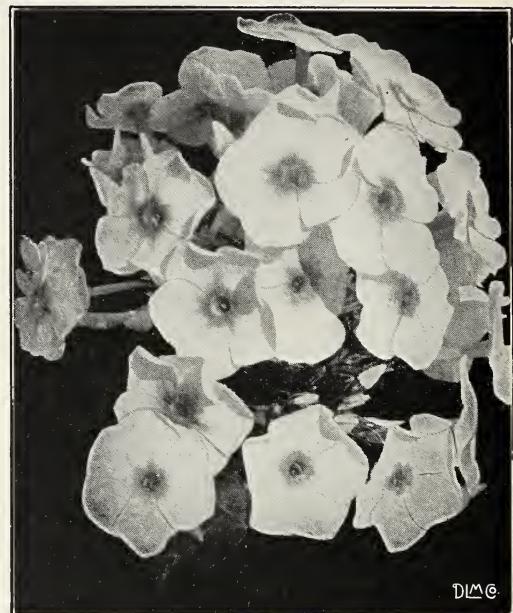
LOUISE ABBEMA. Very large dwarf, pure white, fine form. 18 inches.

MISS LINGARD. This is known as the early flowering Phlox, since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 feet. Color, pure white.

MRS. JENKINS. The most popular white variety so far introduced; splendid for planting en masse; blooms early and profusely.

MRS. MILLY VAN HOBOKEN. Lovely soft pink. Large flowers on tall erect stems. A new variety that should be included in every collection.

RHEINLANDER. Beautiful salmon-pink with claret-red eye. Individual trusses of immense size.



DIME

PHLOX MISS LINGARD

SIR EDWARD LANDSEER. Deep cherry pink with carmine red eye. One of the fragrant type. 2 feet.

THOR. Deep salmon pink, suffused with a scarlet glow, somewhat lighter in mass effect than General Chanzy. Has unusual gardenesque value.

WANADIS. Lovely light violet, mottled white with a bright purple eye. In mass, a violet blue. Medium height.

POLYGONUM (Knotweed)

CUSPIDATUM. Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

***PRIMULA (Primrose)**

A magnificent strain comprising many lovely colors and shades, running from pale yellow, through orange-crimson, scarlet and red.

POLYANTHUS (Bunch Primroses)

GIANT WHITE.

GIANT YELLOW.

GIANT CRIMSON.

ASSORTED COLORS.

**PRIMULA**

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

HARDY PERENNIAL PLANTS—Continued

PYRETHRUM (*Persian or Painted Daisy*)

One of the best perennials in our list. It is perfectly hardy, will thrive in any garden soil and in any situation except in dense shade under trees. As a cut flower it is unsurpassed in daintiness and keeping qualities. Comes in white, pink and dark red but not in separate colors. Blooms in May and June, and if cut back after first bloom will give flowers throughout the summer and early fall. Grows about 1½ to 2 feet high.

RUDBECKIA

GOLDEN GLOW. One of the best known hardy flowers, blooming from July until September.

PURPUREA. Large, showy, reddish-purple flowers; 4 inches across. 3 feet. July to October.

SALVIA

AZUREA GRANDIFLORA (*Blue Sage*). A Rocky Mountain native, producing a profusion of beautiful flowers on slender spikes during August and September. Very attractive planted with late-flowering white Phlox, or with a background of flowering shrubs. 4 to 5 feet.

FARINACEA ("Blue Bedder") (New). A beautiful, deep blue sport of *Salvia farinacea*, more floriferous and a trifle dwarfer in growth, and much more beautiful in color, as it is a wonderful deep shade of blue. 50c. per plant, \$5.00 per doz.

SANTOLINA (*Lavender Cotton*)

***INCANA.** Silvery white foliage, used for rock border, and very largely used for carpet bedding.



PYRETHRUM

SCABIOSA (*Pincushion Flower*)

CAUCASICA. Sky-blue flower, about 4 inches across, with tufted center, flowering from June to September, and attains a height of about 18 inches. Splendid for cutting purposes.

JAPONICA. Bright blue flowers, flowering from July until September, and growing 2 feet high.

SAPONARIA (*Soap Flower*)

OXYMOIDES. Border plant, growing about 6 inches high, producing masses of bright pink flowers from July to October.

SEDUM (*Stonecrop*)

SPECTABILE. Most popular of all the Sedums, producing large, flat heads of rose-colored flowers 2 feet high. Mid-August to mid-September.

ACRE. Very useful in the rock garden or for wall crevices; making thick tufts, covered with very small, bright yellow flowers in the early summer; creeping flowers, sometimes called "Wall Pepper."

***ALBUM.** This makes a thick mat of gray-green foliage, small white flowers blooming in July and August, 3 to 4 inches high, spreading habit, splendid for rock gardens.

SCABIOSA CAUCASICA (*Pincushion Flower*)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted



HARDY PERENNIAL PLANTS—Continued

SPIRAEAS (Meadowsweet)

Very showy plants, either planted in isolated clumps or intermingled with other herbaceous plants in the hardy border. They thrive well in any rich garden soil, but prefer damp positions. Very decorative with beautiful spikes of flower. Many of the varieties we offer below are varieties that have been grown for many years in the gardens of America, and have proved very satisfactory.

AMERICA. Charming lilac-rose flowers which hold their color very well over a long period. 20 to 22 inches in height and abundant foliage.

BRUNHILDE. Very late, tall creamy white flowers borne on long stems, and a profuse bloomer. Produces excellent cut flowers from June until August. \$1.00 each per plant, \$10.00 per doz.

GLADSTONE. A very beautiful pure white variety. Immense plump trusses borne on erect, strong stocks, one of the most popular varieties. 75c. per plant, \$7.50 per doz.

KRIEMHILDE. One of the most attractive of the late Spiraea, salmon-pink in color. \$1.00 per plant, \$10.00 per doz.

MONT BLANC. A dazzling white with bright green foliage, dwarf habit. Flowering medium-early. 75c. per plant, \$7.50 per doz.

QUEEN ALEXANDRA. Another very fine variety. 75c. each per plant, \$7.50 per doz.

RUBENS. Very beautiful carmine-rose and one of the best liked of the many varieties sent out. 75c. each per plant, \$7.50 per doz.

VENUS. Is a purplish rose, very tall, late-growing variety. \$1.00 per plant, \$10.00 per doz.

VESTA. Is the bright rosy pink, the earliest of all Spiraea to flower. \$1.00 per plant, \$10.00 per doz.



SPIRAEA (Meadowsweet)

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

STACHYS (Woundwort)

LANATA. Bright, silvery white, woolly foliage; flowers an inconspicuous light purple in color; largely used for edging or clumps in borders. June and July.

STATICE (Sea Lavender)

INCANA NANA. The freely branching stems carry innumerable small, pearly white flowers, making a cloud-like appearance, flowering in June and July. The plant does not exceed 6 inches in height, but the flowering stalk reaches 18 inches to 2 feet.

LATIFOLIA. A popular border and rockery plant with very glossy leaves and small purplish blue flowers in trusses about 12 inches across, blooming profusely. Height 18 inches. Useful for winter bouquets.

STOKESIA (The Cornflower Aster)

CYANEA CAERULEA. Very large lavender-blue flowers blooming from early July until late October—succeeds well in open, sunny position. A very desirable border plant growing about 1½ to 2 feet high.

ALBA. White form of the above.

SWEET WILLIAM (Dianthus barbatus)

Possibly one of the best known, free flowering, hardy perennials; easily one of the most attractive flowers in the garden.

PINK BEAUTY. Beautiful Newport pink color.

PURITY. Snow white, one of the best.

SCARLET BEAUTY. Brilliant scarlet.

THALICTRUM (Meadow Rue)

DIPTEROCARPUM. A very beautiful and distinctive variety with soft, lacy foliage, growing about 4 feet high. The flowers form a large, terminal spray of lilac-mauve brightened by lemon-yellow stamens and anthers. Blooms during August and September, making a charming background for the lower early blooming plants in the perennial border.

THYMUS (Creeping Thyme)

***SERPYLLUM.** Creeping, wiry-stemmed variety used extensively for planting between stepping stones and in the rock gardens. Small, purple-lilac bloom, flowering most of the summer. This delightful little plant makes a close, fragrant carpet that may be walked on freely without injury. Grows on hot, dry, sunny banks where it is difficult to establish other plants.

VALERIANA (Valerian)

OFFICINALIS. Very fragrant, rose-tinted flowers, sometimes called garden Heliotrope; flowering June and July. 2 feet high.

RUBRUM. Large, flat headed clusters of deep pink flowers. Blooms from late June until August. Height 1½ feet.



VIOLA APRICOT QUEEN

*VIOLA APRICOT QUEEN

This year we add a new number to our famous group of Violas. The color is unusual, being a fascinating shade of apricot that compels the immediate attention and admiration of all who see it. The plant has a neat, compact habit of growth and blooms freely from spring to October. The requirements for success in growing this charming Viola are to locate the plants in full sun and to shear them close to the ground twice during the season.

Price: \$1.00 per plant, \$10.00 per doz., \$75.00 per 100

*HYBRID VIOLA JERSEY JEWEL

Here we have a new break, as remarkable in its way as Viola Jersey Gem. It was originated by T. A. Weston, the raiser of Jersey Gem, from a direct cross between Jersey Gem and Pansy Queen Victoria. Practically all the cornuta characteristics have been eliminated but it retains the perpetual blooming habit that has made Jersey Gem famous. The flowers are about twice the size of Jersey Gem; the color, according to Ridgeway's color chart, being true Pansy violet. In the mass, in full sunshine, the color is most telling.

Price: each \$1.00, per doz. \$10.00, per 100 \$75.00

VIOLA CORNUTA (*Perennial Violet*)

ADMIRATION. A deep dark blue in color with flowers almost as large as the annual Pansy, but flowering continuous over half of the year.

*WHITE PERFECTION.

*YELLOW GEM.

Price: 50c. per plant, \$3.00 per doz., \$20.00 per 100, except where noted

*VIOLA, JERSEY GEM

The peerless Viola that blooms from April until snow, rich, dark violet color, with long stems and a delicious fragrance. It is perfectly hardy and will grow in any good garden soil, but must have full sun for best results.

VERONICA (*Speedwell*)

INCANA. Another very valuable addition to our list of rock plants. The silvery gray foliage makes it attractive whether in bloom or not. The bright blue flowering spikes appear in July and August on stems about 1 ft. high; can be used in front of the herbaceous border, as well as in the rock garden.

LONGIFOLIA SUBSESSILIS. Long spikes; beautiful blue flowers; plants 3 feet high.

SPICATA. Flowers in June and July; magnificent sprays of bright blue flowers, growing 1½ to 2 feet high.

SPICATA ROSEA. A splendid hardy member of this family, with an exceptionally long blooming period, commencing in June and continuing until frost. The spikes of lovely soft pink grow about 18 inches high and have an abundance of branches if the old spikes are cut away.

YUCCA (*Adam's Needle*)

FILAMENTOSA. Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.

HARDY VINES

We have had so much call for hardy vines that we have decided to carry the following choice kinds best suited for covering houses, fences and garden walls.

AMPELOPSIS VEITCHI

(Boston or Japanese Ivy)

Useful in city and suburbs; its glossy foliage withstands dust and smoke well. Clings to bricks, walls, fences or rocks. Once established forms a dense, rapid growth. Foliage turns to brilliant, scarlet crimson and orange in the fall. 3 yr. old, \$1.25 each; 2 yr. old, 75c. each.

AMPELOPSIS QUINQUEFOLIA

(Virginia Creeper)

A very vigorous high climbing deciduous vine. Very quick growing and forms a dense screen in a few years. Suitable for drying yards, walls and for covering old tree trunks. Foliage turns a rich crimson in the fall. 50c. each, \$5.00 per doz.

CLEMATIS PANICULATA

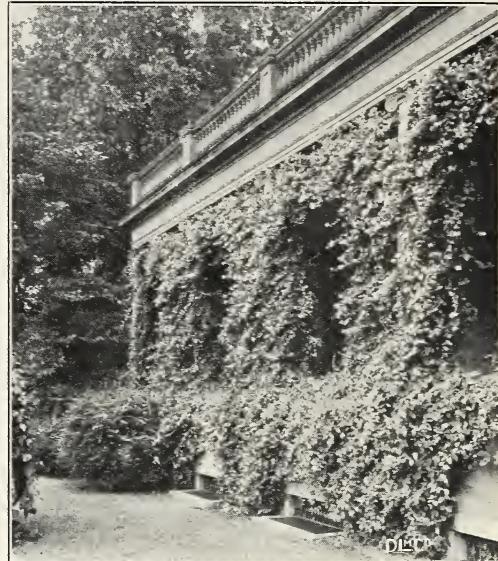
(Japanese Virgin's Bower)

A very satisfactory flowering vine. Perfectly hardy, of strong, rapid growth, attractive, glossy-green foliage producing a profusion of white, fragrant flowers in August and September. Also useful as a trailer on rocky slopes and banks. 75c. each, \$7.50 per doz.

EUONYMUS

(Broad-leaved Evergreen; Bittersweet)

RADICANS VEGETUS. Very attractive climbing evergreen with aerial rootlets, which makes it self-supporting on a stone wall or base of house. Also attractive as a ground cover. In the fall this produces an abundance of orange-scarlet berries which remain on the plant the greater part of the winter. As an absolutely hardy evergreen wall covering, this plant is unequalled. 50c. each, \$5.00 per doz.



LONICERA HALLIANA (Hall's Evergreen Honeysuckle)

LONICERA

(Hall's Evergreen Honeysuckle)

HALLIANA. One of the best vines for all purposes, blooms from early summer to frost. Flowers yellow and white with a delightful fragrance. Very vigorous grower. Splendid covering for banks and slopes. 50c. each, \$5.00 per doz.

OUR SPECIAL ROCK GARDEN COLLECTION

There is no form of gardening so captivating to the majority of garden lovers as the Rock Garden.

Even twenty-four plants and a few rocks in a sunny location forms the beginning of a most interesting garden experience. We have selected with great care, a group of plants that are rare and unusual, as well as hardy and easy to grow.

Our regular list of perennials also includes some old favorites in rock plants that added to this new group, will carry bloom right through the season from frost to frost.

Most rock plants prefer a sunny exposure and good drainage, but do not require special care or treatment. A liberal amount of good garden loam mixed with limestone chips, or coarse gravel, forms an ideal mixture in which to grow the plants listed. For fertilizer use bonemeal, or very well rotted cow manure moderately.

Price: 50c. per plant, \$5.00 per dozen, \$35.00 per 100

AQUILEGIA ALPINA. Switzerland sends this charming species for the rock garden. Lovely blue and white flowers 10 to 12 inches high. Blooming May and June.

ARABIS ALBIDA. The gray leaf "Rockcress" covered with spikes of white blooms in April, and lasting well into the summer. Particularly hardy and vigorous.

SPECIAL ROCK GARDEN PLANTS—Continued

ALYSSUM ARGENTEUM. Dense, vigorous growth, 15 inches high. The bright yellow clusters of flowers continue well into the summer.

ARENARIA MONTANA. Commonly called "Sand-wort." Does best in sandy soil in sunny situation. This creeping variety forms mounds of green and is covered with white blossoms in early summer.

ARMERIA LAUCHEANA. Particularly adapted to growing in pockets between rocks is this tufted Sea Pink or Thrift. The bloom is a ball of vivid pink flower, borne on 5-inch stems; flowering May and June.

AUBRIETIA PURPUREA. Commonly called "Wallcress." This delightful little plant forms a thick mat of growth, either creeping over rocks or growing from a pocket in a wall garden. It is literally covered with tiny purplish blue flowers in April and May.

AUBRIETIA LEICHTLINI. Same as above with rosy pink flowers.

CAMPANULA ROTUNDIFOLIA. Thick, attractive foliage, pale blue flowers. 8 inches high. Blooms June and July.

DIANTHUS ARENARIUS. Especially suitable for hot, dry situation—loves sand and sun. The blooms are white fringed and fragrant; appearing in June, continuing for several weeks.

DIANTHUS CAESIUS. Commonly called the "Cheddar Pink." Does equally well in the rock or wall garden; is sweetly scented and bears a wealth of rose-colored flowers in May and June. 6 inches high.

DIANTHUS DELTOIDES "BRILLIANT." A delightful, free-growing plant covered with crimson flowers in June and July. 6-8 inches high.

HELIANTHEMUM "MRS. EARLE" (The Sun Rose). Will grow in the poorest sandy ground in full sun and is literally covered with scarlet flowers all summer. Must be cut back after blooming.

HYPERICUM OLYMPICUM. Grayish-green foliage bearing large golden yellow flowers in June and July. 6 to 8 inches high.

LINARIA ALPINA. A miniature "Toadflax," or Snapdragon. Trailing growth covered with tiny lavender flowers with orange throat. Must have full sun in well-drained soil. Blooms from early spring to frost. 3 inches high.

MAZUS RUGOSUS. This charming plant has trailing growth covered with masses of blue and white flowers. Blooms practically the entire season.



NIEREMBERGIA RIVULARIS. A trailing alpine plant bearing white, cup-shaped flowers, with gold centers. July to September.

SEDUM ANGLICUM. A choice variety with delicate pink, feathery blossoms and rosettes of gray, fleshy leaves.

SEDUM KAMTSCHATICUM. Forms thick mat of interesting dark green foliage—numerous yellow flowers in flat heads. Blooms late summer. 6 inches high.

SEDUM LYDIUM. Bronzy green tufts suitable for crevices. Pink blossoms in midsummer. 4 inches high.

SEDUM REFLEXUM. Glaucous green leaves, trailing stems, small yellow flowers. 8 to 10 inches high.

SILENE SCHAFTA. The autumn "Catchfly." Rosy flowers borne on 6-inch stems. Blooms from late June to frost. A most attractive plant.

THYMUS LANUGINOSUS. A carpet plant with woolly gray foliage and a delightful aromatic fragrance. Clouds of purple blue flowers. Also excellent for wall garden.

VERONICA TEUCRIUM. A creeping variety covered with deep blue flowers in June. Most attractive.

VERONICA REPENS. Prostrate moss-like growth, very hardy. Pale blue flowers in early spring.

Price: 50c. per plant, \$5.00 per doz., \$35.00 per 100, except where noted

ROCK GARDEN COLLECTIONS

1 plant each of the above 24 varieties—24 plants.....	\$10.00
Makes a garden 3 feet x 6 feet.	
3 plants each of the above 24 varieties—72 plants.....	\$18.50
Makes a garden 8 feet x 8 feet.	
6 plants each of above 24 varieties—144 plants.....	\$35.00
Makes a garden 10 feet x 12 feet.	



EVERGREENS AND FLOWERING SHRUBS

A few, well chosen evergreens add year-round interest and beauty to the herbaceous borders and the rock garden. The group we list below are especially selected for these purposes. Also, we have chosen a group suitable for base or foundation planting of dwarf varieties that will remain dwarf indefinitely if given the proper care and are clipped or sheared at the proper season. This should always be done in the early spring so that the new growth will have sufficient time to mature before freezing weather.

These plants are exceptionally well formed and compact, and will be ready for delivery, balled and burlapped in the spring, during April and May, and again in August and September for fall planting.

BIOTA nana aurea (Berckmann's Golden). Fine dwarf specimen, compact, globe-shaped, yellow tipped foliage.

10 12 inches.....	\$2.50 each
12 15 inches.....	3.00 each

JUNIPERUS chinensis pfitzeriana. Gray-green bushy plant, feathery foliage; extremely hardy.

1½ 2 feet.....	\$3.50 each
2½ 3 feet.....	5.00 each

JUNIPERUS communis aurea. Splendid, low-spreading, bushy tree, with golden foliage.

1½ 2 feet.....	\$3.50 each
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JUNIPERUS communis hibernica (Irish Juniper). Tall, symmetrical, useful for accent.

2 ½ feet.....	\$3.50 each
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JUNIPERUS excelsa stricta. Pyramidal, compact, gray-green foliage; useful in formal plantings.

12 15 inches.....	\$2.50 each
15 18 inches.....	3.50 each

JUNIPERUS sabina. Irregular spreading branches, foliage dense dark green, retaining splendid winter coloring.

1½ 2 feet.....	\$4.00 each
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JUNIPERUS sabina prostrata (Creeping Juniper). Adds green to the rock garden in winter.

1½ 2 feet.....	\$3.50 each
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RETINOSPORA plumosa. Bright green, plump foliage of fine texture. May be sheared into formal shape.

2 ½ feet.....	\$4.00 each
2½ 3 feet.....	5.50 each

RETINOSPORA plumosa aurea. Same as above, but foliage has a golden sheen.

2 ½ feet.....	\$4.00 each
2½ 3 feet.....	5.50 each

RETINOSPORA plumosa lutescens. Low, rounded broad bush, very slow growing and a splendid contrast to the blue-green foliage of the Junipers.

12 15 inches.....	\$2.50 each
15 18 inches.....	3.50 each

THUJA occidentalis pyramidalis (Pyramidal Arborvitae). Remains green over winter and is very vigorous; an excellent accent plant.

3 4 feet.....	\$6.00 each
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THUJA occidentalis compacta. The globe-shaped dwarf Arborvitae, beautiful bright green foliage and very hardy.

15 18 inches.....	\$3.00 each
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SPECIAL EVERGREEN COLLECTIONS

CORNER PLANTING

(Will plant about 15 feet)

1 THUJA occidentalis pyramidalis.....	\$6.00
2 RETINOSPORA plumosa aurea, 2½-3 feet.....	11.00
2 JUNIPERUS pfitzeriana, 1½-2 feet.....	7.00
1 JUNIPERUS excelsa stricta.....	3.50
	<hr/>
	\$27.50
When purchased as a collection of 6 trees.....	\$25.00

FOUNDATION OR BASE PLANTING

(Will plant about 25 feet)

1 RETINOSPORA plumosa aurea, 2½-3 feet.....	\$5.50
2 THUJA pyramidalis, 3-4 feet.....	12.00
2 JUNIPERUS pfitzeriana, 1½-2 feet.....	7.00
2 JUNIPERUS sabina prostrata.....	7.00
2 JUNIPERUS excelsa stricta.....	7.00
	<hr/>
	\$38.50
When purchased in a collection of 9 trees.....	\$35.00

HARDY BOXWOOD (*Buxus sempervirens*)

Unusually fine Boxwood matched specimens suitable for steps or entrance. \$8.00 each, \$15.00 for two. Smaller size, for hedge, 1½ to 2 feet, \$5.00 each, \$50.00 per doz.

Individual specimens furnished at the prices listed.

PHILADELPHUS BOUQUET BLANC

One of the handsomest of shrubs, which must be seen to be appreciated. Makes a fine specimen for the lawn, and for hedges it is beyond words; the variety is a vigorous grower and throws gracefully arching stems closely set with bouquets of individual white flowers; these sprays look like large ostrich plumes of soft, snowy white. Height 3 feet. Never winterkills. Price, \$1.00 each, \$10.00 per doz.

NEW RED-LEAVED JAPANESE BARBERRY

It is only once in a lifetime that a really worth-while, outstanding novelty in hardy shrubs is introduced, and in this new Barberry we have such a plant.

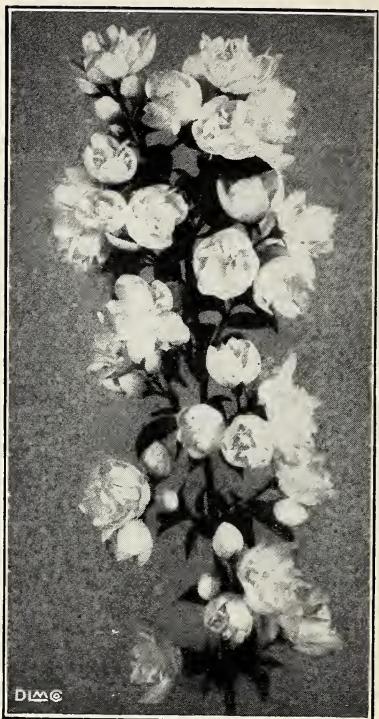
It is similar in all respects to the green-leaved Japanese Barberry which is so popular, but the foliage of this new variety is of a rich, lustrous, bronzy red, similar to the richest red-leaved Japanese Maples.

All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

	Each	12	100
One-year-old plants.....	\$0.75	\$7.50	\$50.00
Two-year-old plants.....	1.00	10.00	75.00
Three-year-old plants.....	2.50	25.00	177.00

KOREAN SPIREA (*Spiraea trichocarpa*)

This handsome new shrub was discovered in in Korea and has been enthusiastically admired by all who have seen it since its introduction to America. It is the best of all the Spireas in commerce.

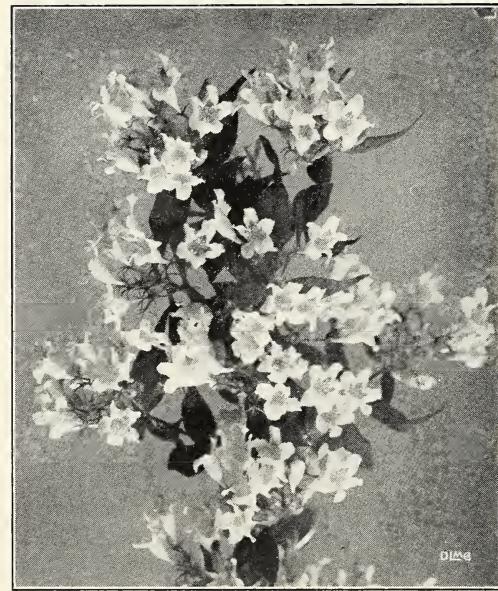


PHILADELPHUS (Bouquet Blanc)

It is a splendid, healthy plant growing when mature, 4 to 6 feet tall, and even greater in diameter, forming a big, dome-shaped bush, covered in its season with large, rounded clusters of snowy flowers marked with darker eyes.

It is hardy as far north as Montreal and is most attractive in habit and foliage, even when not in bloom. It is more robust and blooms two weeks later than the familiar *Spiraea vanhouttei*, and is much more desirable. It retains its beautiful glossy foliage late into the autumn.

	Each	Doz.
Three-year-old, 2-3 feet.....	\$2.50	\$25.00
Two-year-old, 18-24 inches.....	1.75	20.00
Two-year-old, 12-18 inches.....	1.25	15.00



BEAUTYBUSH (*Kolkwitzia amabilis*)

An exceedingly handsome ornamental shrub which has come to us from the wildernesses of China and Central Asia. The foliage and habit are attractive when the bush is out of flower and it is perfectly hardy as far north as Montreal.

It grows 6 to 9 feet high when mature and as much through, erect and twiggy, producing long, arching branches covered in spring with clusters of small, tubular flowers of the Honeysuckle type, borne in such profusion that the bush is one cloud of delicate pink.

Beautybush has all the merits of a perfect shrub—hardiness, year-round beauty in foliage and habit, and an amazing profusion of flowers of beautiful color.

	Each	Doz.
Three-year-old, 2-3 feet.....	\$2.50	\$25.00
Two-year-old, 18-24 inches.....	1.75	20.00
Two-year-old, 12-18 inches.....	1.25	15.00

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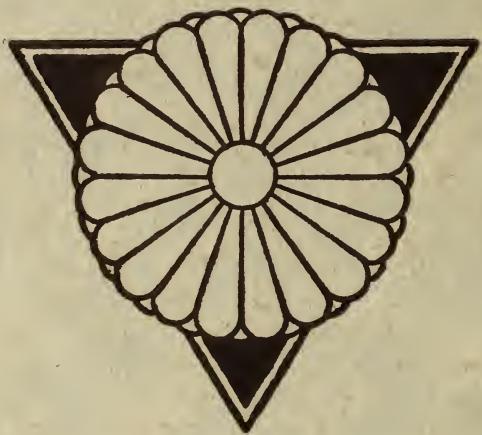
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